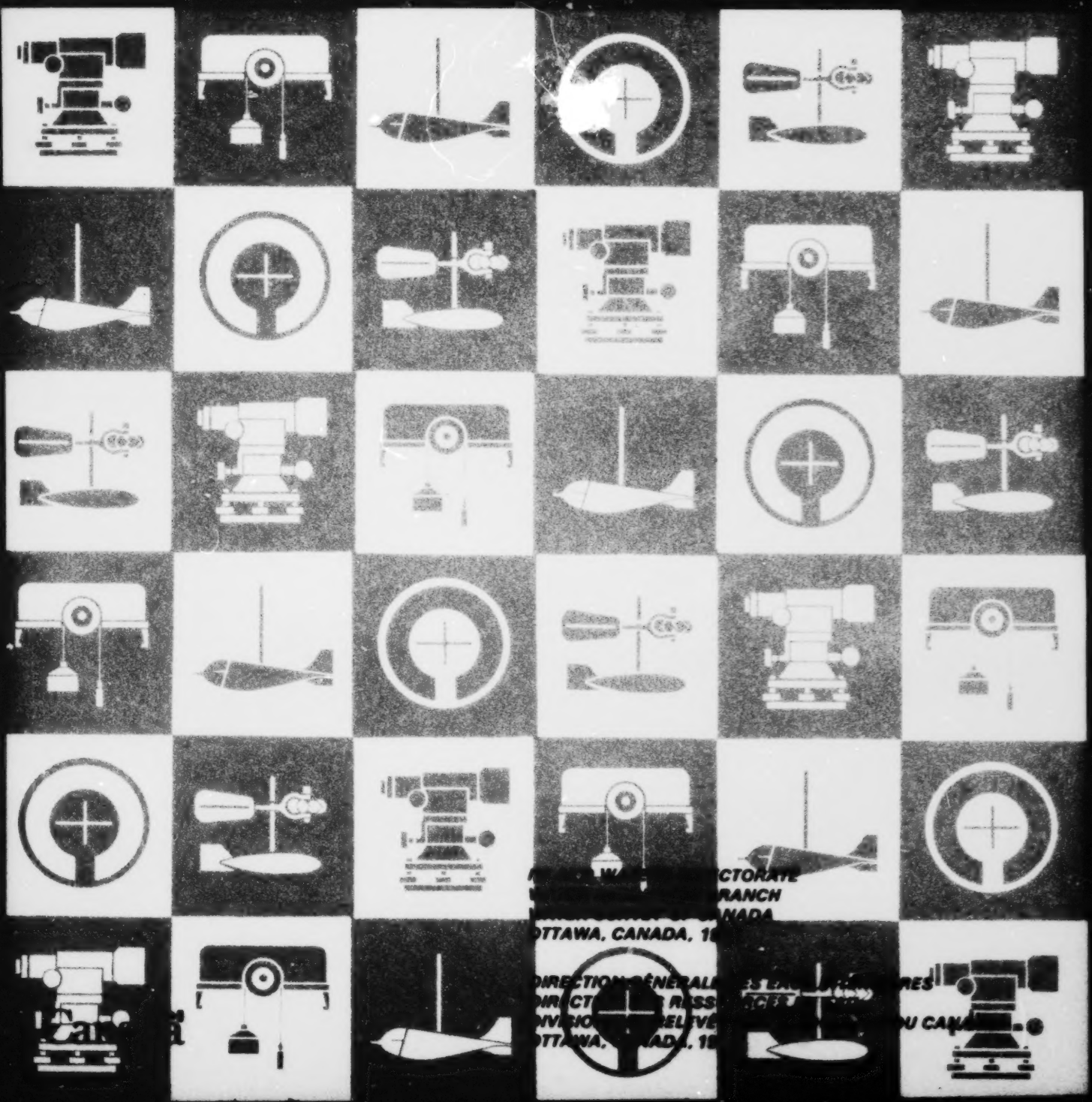
Environment Canada Environnement Canada
0027129J VOL 1983 ISS 1985
EXC # 001
WATER SURVEY OF CANADA. HISTORICAL WATER LEVELS SUMMARY: MANITOBA = SO OOFF

Historical Water Levels Summary

Manitoba

Sommaire chronologique des niveaux d'eau

TO/JUSQU'À 1983



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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada | Environnement Canada

Historical Water Levels Summary

Manitoba

Sommaire chronologique des niveaux d'eau

TO/JUSQU'À **1983**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1985

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1985

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Cat. No. En 36-409/4-1983

ISBN 0-662-53469-7

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Nº de cat. En 36-409/4-1983

ISBN 0-662-53469-7

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in Manitoba for which water level data to 1983 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau du Manitoba, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1983 inclusivement. La présente publication annule la toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Manitoba were conducted by the Water Survey of Canada under agreement with the Province of Manitoba. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

Stream-gauging work started in Manitoba when the Winnipeg River Power Survey was commenced in 1911 by the Dominion Water Power Branch. The Manitoba Hydrographic Survey was organized in early 1912 and the survey was expanded to embrace all Manitoba and the Lake of the Woods in Ontario. Following the transfer of the natural resources of Manitoba to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Manitoba for the continuance of the hydrometric survey by the Federal Government. Although this agreement was terminated in 1933, work was continued by the Federal Government under letter arrangement until 1975. A co-operative agreement was signed with the Government of Manitoba on February 18, 1975 and implemented on April 1, 1975. The agreement provides that water quantity surveys will be continued by the Federal Government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Manitoba en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

C'est en 1911, lorsque la Direction fédérale de l'énergie hydraulique a fondé le *Winnipeg River Power Survey*, que cet organisme a effectué les premières observations relatives aux cours d'eau au Manitoba. Avec la création du *Manitoba Hydrographic Survey* au début de 1912, le champ des relevés s'est élargi pour englober tout le Manitoba et le lac des Bois en Ontario. Après que la responsabilité des ressources naturelles du Manitoba est passée au gouvernement provincial, le 1er octobre 1930, le Manitoba et le gouvernement fédéral ont conclu un accord qui permettait à ce dernier de poursuivre les relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement du Manitoba a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériales
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent

the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1983 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred.

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the ***Surface Water Data Reference Index*** should be consulted. This symbol is used during open-water periods only.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU*

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveau d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveau d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1983 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'***Index de référence des données sur les eaux de surface***. Le symbole n'est employé qu'au cours de périodes d'eau libre.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1980.

1. *The summary of monthly and annual mean water levels* gives:

   (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

   (b) the annual mean water level in metres if there are daily water levels for the complete year;

   (c) the mean of all the monthly means;

   (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level* in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily water levels* in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The datum to which the water levels are referred* is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.

   Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1980.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean water levels) donne:

   (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

   (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;

   (c) la moyenne de toutes les moyennes mensuelles;

   (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le plan de référence auquel les niveaux d'eau* sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.

   Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980, are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data (water level data) referred to herein depends upon the type of gauge, stability of gauge, accuracy of observation, measurement of reference datum, computation procedures and interpretation of records. Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A and E. In general, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only (especially for small or flashy streams) or those obtained by estimation.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques (données sur le niveau des eaux) dont on parle ici, sont basés sur le type de jauge, la stabilité de la jauge, la précision des observations, la mesure de la donnée de référence, l'évaluation des procédés et l'interprétation des chiffres. À cause de toutes ces variables, on a normalisé, pour des fins d'uniformité de présentation, le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A et E. En général, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus exactes que celles qui sont obtenues par estimation ou qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

WATER LEVEL DATA / DONNÉES SUR LES NIVEAUX D'EAU

ATHAPAPUSKOW LAKE AT CRANBERRY PORTAGE - STATION NO. 05KE005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	291.762	291.650	291.548	291.482	---	---	1948
1949	---	291.424	291.423	---	291.498	291.596	291.782	291.792	291.712	291.658	---	---	---	1949
1950	291.551	---	291.537	291.520	291.525	291.658	291.707	291.722	291.774	---	291.828	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	291.848	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	291.631	---	291.701	291.671	---	---	291.670	---	---	---	1953
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	291.840	291.853	291.858	291.985	292.088	292.096	292.015	291.842	291.868	291.832	291.802	---	1983
MEAN	291.551	291.637	291.604	291.669	291.683	291.761	291.859	291.818	291.792	291.713	291.713	291.802	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 54 35 00 N
LONG 101 23 00 W REGULATED

ATHAPAPUSKOW LAKE AT CRANBERRY PORTAGE - STATION NO. 05KE005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1948	---	---	---	1948
1949	---	291.675 ON JUL 28	291.382 ON APR 28 *	1949
1950	---	291.889 ON DEC 31	291.459 ON MAY 7	1950
1951	---	292.047 ON JUL 17	291.889 ON DEC 27	1951
1952	---	291.907 ON JUL 1	291.589 ON DEC 27	1952
1953	---	---	291.578 ON JAN 1	1953
1981	291.942 AT 2237 CST ON MAY 17	291.911 ON JUN 20	291.639 ON OCT 10	1981
1982	---	---	---	1982
1983	292.187 AT 2100 CST ON JUL 17 *	292.120 ON JUL 22 *	291.778 ON DEC 31	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BACK LAKE NEAR OXFORD HOUSE - STATION NO. 04AA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	187.583	187.485	187.350	187.340	---	---	---	1970
1971	---	---	187.393	187.343	187.503	187.509	187.404	187.321	187.228	187.118	---	---	---	1971
1972	---	---	---	---	---	---	187.388	187.224	187.085	187.005	186.981	186.999	---	1972
1973	187.051	187.083	187.072	187.044	187.107	187.287	187.287	187.219	187.154	187.180	187.218	187.274	187.180	1973
1974	187.308	187.292	187.245	187.223	187.378	187.588	187.511	187.408	187.288	187.230	187.189	187.132	187.315	1974
1975	187.171	187.190	187.208	187.198	187.235	187.308	187.215	187.117	187.055	187.057	187.080	187.048	187.155	1975
1976	187.082	187.089	187.088	187.048	187.005	186.945	186.908	186.912	186.982	186.924	186.881	186.938	186.982	1976
1977	---	---	---	---	187.200	187.208	187.178	187.137	187.148	187.200	187.178	187.138	---	1977
1978	187.188	187.208	187.193	187.210	187.235	187.238	---	---	---	187.240	187.353	187.371	---	1978
1979	187.378	---	---	---	---	188.021	187.828	187.908	187.288	187.222	187.250	---	---	1979
1980	---	187.287	187.273	187.202	187.189	187.181	187.059	187.017	187.141	187.273	187.278	187.271	---	1980
1981	187.278	187.244	187.211	187.138	187.243	187.393	187.458	187.308	---	187.172	---	---	---	1981
1982	---	187.353	187.346	187.316	187.455	187.507	187.342	187.351	187.395	187.338	187.292	187.315	---	1982
1983	187.342	187.331	187.328	187.258	187.423	187.967	187.783	187.537	187.417	187.388	187.343	187.309	187.452	1983
MEAN	187.226	187.230	187.238	187.198	187.271	187.427	187.378	187.273	187.209	187.182	187.181	187.180	187.213	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -158.987 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

LOCATION - LAT 54 56 30 N
LONG 98 14 50 W NATURAL FLOW

BACK LAKE NEAR OXFORD HOUSE - STATION NO. 04AA003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	187.603 AT 0818 CST ON JUL 18	187.587 ON JUL 14	---	1970
1971	187.618 AT 1702 CST ON JUN 1	187.506 ON JUN 1	---	1971
1972	---	---	---	1972
1973	187.328 AT 1835 CST ON JUN 22	187.323 ON DEC 29	187.024 ON APR 8	1973
1974	187.648 AT 1430 CST ON JUN 30	187.627 ON JUN 29	187.112 ON DEC 3	1974
1975	187.393 AT 0100 CST ON JUN 14	187.326 ON JUN 12	186.987 ON SEP 20	1975
1976	187.131 AT 1400 CST ON FEB 8	187.115 ON FEB 9	186.859 ON NOV 7 *	1976
1977	187.288 AT 1452 CST ON JUN 10	187.286 ON MAY 21	---	1977
1978	187.390 AT 1200 CST ON NOV 12	187.384 ON NOV 7	---	1978
1979	188.124 AT 2300 CST ON JUN 17 *	188.115 ON JUN 17 *	---	1979
1980	187.342 AT 1110 CST ON OCT 27	187.321 ON OCT 27	186.938 ON AUG 20	1980
1981	187.580 AT 1708 CST ON JUL 8	187.550 ON JUL 8	187.064 ON SEP 27	1981
1982	187.580 AT 0407 CST ON JUN 7	187.550 ON JUN 7	187.207 ON AUG 3	1982
1983	188.019 AT 1810 CST ON JUN 13	188.012 ON JUN 17	187.208 ON MAY 3	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -158.987 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BALD HILL RESERVOIR NEAR MCCREARY - STATION NO. 05LJ803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	707.876	707.867	707.933	707.826	---	---	---	---	1961
1962	---	---	---	---	708.888	708.906	708.875	---	---	---	---	---	---	1962
1963	---	---	---	---	711.022	710.534	708.882	708.878	708.878	---	---	---	---	1963
1964	---	---	---	---	710.312	708.980	708.882	708.872	708.875	---	---	---	---	1964
1965	---	---	---	---	713.368	710.462	708.918	708.922	711.303	---	---	---	---	1965
1966	---	---	---	---	710.471	708.913	708.887	708.856	708.889	708.889	---	---	---	1966
1967	---	---	---	---	712.180	709.780	708.859	708.886	708.768	---	---	---	---	1967
1968	---	---	---	---	708.488	708.145	709.304	709.207	708.877	708.822	---	---	---	1968
1969	---	---	---	---	708.148	708.848	711.889	708.906	708.925	---	---	---	---	1969
1970	---	---	---	---	713.881	713.204	709.335	708.904	708.852	---	---	---	---	1970
1971	---	---	---	---	708.219	712.348	709.261	708.908	---	---	---	---	---	1971
1972	---	---	---	---	710.892	708.926	708.910	708.910	708.914	---	---	---	---	1972
1973	---	---	---	---	708.117	708.883	709.284	710.534	710.518	709.288	---	---	---	1973
1974	---	---	---	---	713.390	710.248	708.906	708.892	708.816	708.818	---	---	---	1974
1975	---	---	---	---	711.587	709.540	708.903	709.645	712.021	---	---	---	---	1975
1976	---	---	---	---	709.670	708.038	709.213	708.744	708.480	---	---	---	---	1976
1977	---	---	---	---	709.098	708.959	710.350	---	708.768	708.350	---	---	---	1977
1978	---	---	---	---	708.833	708.819	708.898	708.881	708.838	708.838	---	---	---	1978
1979	---	---	---	---	711.768	711.751	708.948	708.941	708.836	708.832	---	---	---	1979
1980	---	---	---	---	708.845R	708.842R	709.012R	710.828R	709.108R	---	---	---	---	1980
1981	---	---	---	---	709.025	708.125	708.896	708.896	708.893	---	---	---	---	1981
MEAN	---	---	---	---	710.610R	709.817R	709.160R	709.123R	709.282R	709.035	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 42 16 N
LONG 99 40 00 W

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

R - REVISED SINCE JAN 1980

BALD HILL RESERVOIR NEAR MCCREARY - STATION NO. 05LJ803

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	714.320 AT 0018 CST ON MAY 24 *	714.312 ON MAY 24 *	708.817 ON AUG 30 *	1979
1980	---	---	---	1980
1981	710.671 AT 0431 CST ON JUN 16	710.574 ON JUN 16	---	1981

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER LAKE NEAR PINE RIVER - STATION NO. 05LE601

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	700.485	700.243	700.452	---	---	---	---	1959
1961	---	---	---	---	---	700.075	699.877	699.885	699.830	---	---	---	---	1961
1962	---	---	---	---	---	700.100	700.077	700.053	700.128	---	---	---	---	1962
1963	---	---	---	---	---	---	---	700.161	700.114	700.088	---	---	---	1963
1964	---	---	---	---	---	700.272	700.284	---	---	---	---	---	---	1964
1965	---	---	---	---	---	700.848	701.008	701.284	---	---	---	---	---	1965
1966	---	---	---	---	---	701.241	701.438	---	---	---	---	---	---	1966
1967	---	---	---	---	---	700.682	700.302	700.313	---	---	---	---	---	1967
1968	---	---	---	---	---	700.491	700.855	---	---	---	---	---	---	1968
1969	---	---	---	---	---	700.582	---	700.348	700.418	---	---	---	---	1969
1970	---	---	---	---	---	700.484	700.556	---	---	---	---	---	---	1970
1971	---	---	---	---	---	700.495	700.452	---	---	---	---	---	---	1971
1972	---	---	---	---	---	700.547	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	700.733	700.606	700.582	700.523	---	---	---	---	1973
1974	---	---	---	---	---	700.480	700.250	700.238	700.298	---	---	---	---	1974
1975	---	---	---	---	---	700.518	700.287	700.240	700.380	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	700.678	700.781	700.852	700.851	700.827	---	---	---	---	1977
1978	---	---	---	---	700.433	700.531	700.633	700.587	700.606	---	---	---	---	1978
1979	---	---	---	---	---	700.925	700.773	700.726	700.761	700.784	---	---	---	1979
1980	---	---	---	---	700.808R	700.808R	700.688R	700.748R	700.830R	---	---	---	---	1980
1981	---	---	---	---	---	700.648	700.660	700.659	---	---	---	---	---	1981
MEAN	---	---	---	---	700.673R	700.663R	700.586R	700.468R	700.438R	700.437	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 48 00 N
LONG 100 45 00 W

DRAINAGE AREA, 9.84 km²
REGULATED SINCE 1958

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

R - REVISED SINCE JAN 1980

BEAVER LAKE NEAR PINE RIVER - STATION NO. 05LG801

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	700.685R AT 1500 CST ON JUN 30	700.675 ON JUN 30	---	1959
1961	700.132R AT 0430 CST ON MAY 11	700.132 ON MAY 12	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	701.741R AT 1500 CST ON JUN 20 *	701.725 ON JUN 19 *	---	1966
1967	700.706R AT 1430 CST ON MAY 26	700.699 ON MAY 26	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	700.982R AT 0800 CST ON JUN 12	700.970 ON JUN 11	---	1973
1974	701.022R AT 1400 CST ON MAY 14	701.019 ON MAY 14	---	1974
1975	701.253R AT 0430 CST ON MAY 12	701.244 ON MAY 12	---	1975
1977	701.040R AT 1700 CST ON JUN 2	701.031 ON JUN 1	700.138E ON MAY 1 *	1977
1978	700.805R AT 1646 CST ON JUL 1	700.788 ON JUL 2	---	1978
1979	701.319R AT 1418 CST ON MAY 31	701.264 ON MAY 31	---	1979
1980	---	---	---	1980
1981	700.900R AT 1518 CST ON JUL 24	700.899 ON JUL 24	---	1981

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BELL LAKE NEAR OUTLET - STATION NO. 05LF801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	679.809R	679.598R	679.802R	---	---	---	---	1959
1960	---	---	---	---	---	---	679.660R	679.564R	679.443R	---	---	---	---	1960
1961	---	---	---	---	---	679.468R	679.395R	679.313R	679.212R	---	---	---	---	1961
1962	---	---	---	---	---	679.535R	679.458R	679.390R	679.537R	---	---	---	---	1962
1964	---	---	---	---	---	679.838R	679.552R	679.744R	679.965R	---	---	---	---	1964
1967	---	---	---	---	---	---	---	---	679.545R	---	---	---	---	1967
1969	---	---	---	---	---	---	---	680.103R	680.026R	---	---	---	---	1969
1970	---	---	---	---	---	---	---	680.203R	679.906R	---	---	---	---	1970
1971	---	---	---	---	---	---	---	680.087R	679.726R	---	---	---	---	1971
1973	---	---	---	---	---	---	---	679.537R	679.327R	---	---	---	---	1973
1974	---	---	---	---	---	---	679.892R	679.790R	679.725R	---	---	---	---	1974
1975	---	---	---	---	---	680.309R	680.380R	680.213R	---	---	---	---	---	1975
1976	---	---	---	---	---	---	679.762R	679.545R	679.423R	---	---	---	---	1976
1977	---	---	---	---	---	679.810R	679.839R	680.070R	---	---	---	---	---	1977
1978	---	---	---	---	679.761	679.758	679.706	679.587	679.632	---	---	---	---	1978
1979	---	---	---	---	---	---	680.467	679.859	679.681	679.635	---	---	---	1979
1980	---	---	---	---	---	---	---	680.268R	680.604R	---	---	---	---	1980
1981	---	---	---	---	---	679.917	680.181	680.235	679.938	---	---	---	---	1981
MEAN	---	---	---	---	679.761	679.779R	679.841R	679.832R	679.719R	679.635	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 32 30 N
LONG 101 13 40 W

DRAINAGE AREA, 59.1 km²
REGULATED SINCE 1965

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

R - REVISED SINCE JAN 1980

BELL LAKE NEAR OUTLET - STATION NO. 05LF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1964	---	---	---	1964
1967	---	---	---	1967
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	678.802 ON MAY 30	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	680.305R AT 2053 CST ON AUG 8 *	680.300 ON AUG 8 *	---	1981

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BIRCH RIVER ABOVE BRACKEN DAM NEAR THE PAS - STATION NO. 05KH003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	260.306	259.888	259.383	---	---	---	1951
1953	---	---	---	---	---	---	261.244	260.347	---	---	---	---	---	1953
1954	---	---	---	---	---	260.730	261.390	260.711	261.111	260.663	259.771	259.223	---	1954
1955	---	---	---	259.903	260.885	261.013	---	259.898	259.841	259.546	---	---	---	1955
1956	---	---	---	---	261.134	260.822	260.144	259.278	258.787	---	258.513	---	---	1956
1957	---	---	---	---	260.128	259.785	259.040	258.652	258.621	258.477	258.871	---	---	1957
1958	---	---	---	259.440	259.431	259.311	259.440	258.828	258.541	258.700	---	---	---	1958
1959	---	---	---	---	258.981	258.882	259.780	258.631	258.555	258.656	---	---	---	1959
1960	---	---	---	---	259.406	---	---	258.781	258.547	258.514	---	---	---	1960
1963	---	---	---	259.658	258.359	---	259.437	259.334	259.385	259.345	---	---	---	1963
1964	---	---	---	---	259.426	259.064	---	---	259.822	---	---	---	---	1964
1965	---	---	---	---	259.957	---	260.447	260.480	259.341	259.803	259.985	---	---	1965
1966	---	---	---	259.775	259.634	259.695	259.616	259.603	259.331	259.562	259.791	---	---	1966
1967	---	---	---	---	259.577	259.247	259.077	258.410	---	---	---	---	---	1967
1968	---	---	---	259.478	259.224	259.652	259.642	259.480	259.880	259.834	259.486	---	---	1968
1969	---	---	---	259.788	259.277	259.257	259.630	259.018	258.585	258.926	259.218	---	---	1969
1970	---	---	---	---	---	259.717	259.382	259.880	259.823	259.788	259.885	---	---	1970
1971	---	---	---	---	---	259.780	259.662	259.807	259.108	258.933	---	---	---	1971
1972	---	---	---	---	---	259.872	259.376	259.681	259.241	258.841	259.428	---	---	1972
1973	---	---	---	---	---	259.887	259.481	259.208	259.136	259.198	259.830	---	---	1973
1974	---	---	---	---	---	260.880	260.739	259.832	259.080	259.838	259.858	---	---	1974
1975	---	---	---	---	---	259.858	259.408	259.177	---	259.880	259.334	---	---	1975
1976	---	---	---	---	---	259.528	259.487	259.354	259.223	259.024	259.065	259.595	---	1976
1977	---	---	---	---	---	259.132	259.541	---	---	---	---	---	---	1977
1978	---	---	---	---	---	259.182	259.528	259.940	259.846	259.732	259.778	---	---	1978
1979	---	---	---	---	---	260.180	259.550	259.874	259.827	259.867	259.609	259.825	---	1979
1980	---	---	---	---	---	259.681	259.177	259.934	259.213	259.653	259.818	---	---	1980
1981	---	---	---	259.902	259.576	259.860	259.605	259.685	259.633	---	---	---	---	1981
1982	---	---	---	---	---	---	---	259.678	259.748	259.771	---	---	---	1982
1983	---	---	---	---	259.881	---	---	259.765	259.849	259.833	---	---	---	1983
MEAN	---	---	---	259.689	259.725	259.585	259.640	259.368	259.215	259.198	259.317	259.223	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 48 30 N DRAINAGE AREA, 2 430 km²
LONG 101 15 30 W REGULATED

REMARKS - RECORDS PRIOR TO 1964 HAVE NOT BEEN PUBLISHED

BIRCH RIVER ABOVE BRACKEN DAM NEAR THE PAS - STATION NO. 05KH003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1953	---	---	---	1953
1954	---	261.524 ON JUL 5 *	---	1954
1955	---	261.140 ON JUN 9		1955
1956	---	261.390 ON MAY 7	257.559 ON NOV 22 *	1956
1957	---	260.854 ON MAY 1	---	1957
1958	---	260.101 ON MAY 1	---	1958
1959	---	260.275 ON APR 23	---	1959
1960	---	261.378 ON APR 26	---	1960
1963	---	260.147 ON APR 19	---	1963
1964	---	259.989 ON JUL 4	---	1964
1965	---	260.935 ON JUL 27	---	1965
1966	---	260.287 ON MAY 5	---	1966
1967	---	260.148 ON MAY 11	---	1967
1968	---	259.785 ON APR 28	---	1968
1969	---	260.163 ON APR 21	---	1969
1970	---	260.090 ON MAY 9	---	1970
1971	---	259.938 ON MAY 9	---	1971
1972	---	260.251 ON MAY 17	---	1972
1973	---	259.880 ON MAY 6	---	1973
1974	---	261.148 ON JUN 3	---	1974
1975	---	259.958 ON MAY 3	---	1975
1976	---	259.782 ON MAY 9	---	1976
1977	259.574 AT 1735 CST ON APR 30	259.443 ON MAY 1	258.405 ON NOV 26	1977
1978	---	259.838E ON OCT 31	---	1978
1979	260.395 AT 0752 CST ON MAY 15 *	260.276 ON MAY 15	---	1979
1980	259.948 AT 1530 CST ON OCT 30	259.887 ON OCT 30	---	1980
1981	259.852 AT 2350 CST ON APR 25	259.949 ON APR 26	---	1981
1982	---	259.976 ON APR 28	---	1982
1983	259.928 AT 1400 CST ON MAY 20	259.906 ON MAY 15	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIRCH RIVER BELOW BRACKEN DAM NEAR THE PAS - STATION NO. 05KH004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	260.281	259.809	259.329	---	---	---	1951
1953	---	---	---	---	---	---	261.325	260.318	---	---	---	---	---	1953
1954	---	---	---	---	---	260.878	261.392	260.703	261.116	260.867	259.577	259.097	---	1954
1955	---	---	---	259.780	260.902	261.035	260.513	259.564	257.970	257.370	---	---	---	1955
1956	---	---	---	---	261.133	260.785	260.062	259.219	258.221	---	257.202	---	---	1956
1957	---	---	---	258.421	260.088	259.748	258.713	257.750	257.627	257.280	257.404	---	---	1957
1958	---	---	---	259.206	259.347	259.309	259.423	258.611	257.847	257.423	257.159	---	---	1958
1959	---	---	---	---	259.307	258.711	258.787	258.625	257.590	257.626	---	---	---	1959
1960	---	---	---	---	259.230	---	259.307	258.627	257.533	257.003	---	---	---	1960
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	257.977	258.458	258.609	259.932	258.215	257.716	257.860	---	---	---	1964
1965	---	---	---	---	259.854	---	261.482	260.780	259.040	258.735	258.280	---	---	1965
1966	---	---	---	259.815	259.620	259.478	259.982	259.378	257.998	257.325	257.175	---	---	1966
1967	---	---	---	---	259.720	259.226	258.066	258.288	257.484	257.154	---	---	---	1967
1968	---	---	---	258.922	---	---	257.781	257.708	257.684	257.212	257.476	---	---	1968
1969	---	---	---	259.221	259.107	258.271	259.459	258.925	258.080	258.034	257.815	---	---	1969
1970	---	---	---	---	259.736	258.509	259.223	258.736	257.857	257.354	---	---	---	1970
1971	---	---	---	---	259.387	258.631	258.670	258.568	257.512	---	257.885	---	---	1971
1972	---	---	---	---	260.215	259.180	259.660	259.208	257.925	257.800	---	---	---	1972
1973	---	---	---	---	259.085	258.295	259.034	257.977	257.678	257.639	257.863	---	---	1973
1974	---	---	---	---	261.408	260.718	259.758	258.854	258.648	258.352	---	---	---	1974
1975	---	---	---	---	259.582	259.330	259.082	---	---	257.637	---	---	---	1975
1976	---	---	---	---	---	---	257.420	---	257.485	---	257.244	---	---	1976
1977	---	---	---	---	257.408	257.738	257.143	257.078	257.347	257.085	---	---	---	1977
1978	---	---	---	---	259.138	258.389	258.415	257.850	257.827	258.223	---	---	---	1978
1979	---	---	---	258.845	260.340	259.414	257.988	257.471	257.130	257.008	257.140	---	---	1979
1980	---	---	---	---	257.850	258.087	258.442	---	257.127	---	---	---	---	1980
1981	---	---	---	259.255	257.771	258.591	258.318	258.088	258.128	257.888	---	---	---	1981
1982	---	---	258.319	258.695	258.600	257.851	258.037	257.745	257.207	257.283	---	---	---	1982
1983	---	---	---	258.888	258.981	258.188	---	257.978	257.278	257.348	---	---	---	1983
MEAN	---	---	258.319	258.984	259.387	259.129	259.236	258.739	257.882	257.758	257.887	259.097	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 48 30 N DRAINAGE AREA, 2 430 km²
LONG 101 19 30 W

REMARKS - RECORDS PRIOR TO 1964 HAVE NOT BEEN PUBLISHED

BIRCH RIVER BELOW BRACKEN DAM NEAR THE PAS - STATION NO. 05KH004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1953	---	261.813 ON JUL 4	---	1953
1954	---	261.524 ON JUN 29	---	1954
1955	---	261.174 ON JUN 9	---	1955
1956	---	261.433 ON MAY 7	---	1956
1957	---	260.961 ON MAY 1	---	1957
1958	---	260.982 ON MAY 1	---	1958
1959	---	260.506 ON APR 21	---	1959
1960	---	261.448 ON APR 28	---	1960
1963	---	260.360 ON APR 20	---	1963
1964	---	260.346 ON JUL 7	---	1964
1965	---	261.624 ON JUL 26 *	---	1965
1966	---	261.375 ON APR 26	---	1966
1967	---	261.309 ON MAY 12	---	1967
1968	---	259.662 ON APR 21	---	1968
1969	---	260.266 ON APR 19	---	1969
1970	---	260.950 ON MAY 8	---	1970
1971	---	260.503 ON APR 25	---	1971
1972	---	260.830 ON APR 30	---	1972
1973	---	260.533 ON MAY 4	---	1973
1974	---	261.481 ON MAY 11	---	1974
1975	---	260.285 ON MAY 2	---	1975
1976	---	259.836 ON APR 15	---	1976
1977	259.272 AT 2018 CST ON APR 20	258.928 ON APR 21	256.706E ON OCT 26 *	1977
1978	260.381 AT 0434 CST ON MAY 2	260.264 ON MAY 2	---	1978
1979	261.057 AT 1845 CST ON MAY 8 *	260.800 ON MAY 8	---	1979
1980	259.103 AT 2030 CST ON APR 28	259.092 ON APR 28	---	1980
1981	259.988 AT 1452 CST ON APR 20	259.882 ON APR 20	---	1981
1982	260.089 AT 1554 CST ON APR 29	260.010 ON APR 29	257.018 ON SEP 16	1982
1983	260.252 AT 1224 CST ON MAY 1	260.171 ON MAY 1	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYNE RIVER ABOVE CARMAN DAM - STATION NO. 05OF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	262.540	262.460	262.458	262.277	262.316	262.410	---	---	---	1983
MEAN	---	---	---	---	262.540	262.460	262.458	262.277	262.316	262.410	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 30 17 N
LONG 98 01 03 W REGULATED

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVELS FOR THE PERIOD 1949-82 AVAILABLE FROM THE MANITOBA WATER RESOURCES BRANCH

BRERETON LAKE NEAR RENNIE - STATION NO. 05PG003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	315.938	315.825	315.963	---	---	---	---	1959
1961	---	---	---	---	---	315.813	---	---	---	---	---	---	---	1961
1963	---	---	---	---	---	315.825	---	315.896	315.771	---	---	---	---	1963
1964	---	---	---	---	---	315.840	315.955	---	---	315.018	---	---	---	1964
1965	---	---	---	---	---	315.824	315.908	315.839	315.787	315.888	---	---	---	1965
1966	---	---	---	---	---	---	315.843	315.863	315.940	---	---	---	---	1966
1967	---	---	---	---	315.885	315.905	315.874	315.861	315.784	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	315.300	---	---	---	1968
1969	---	---	---	315.882	315.982	315.883	315.911	315.821	315.733	---	---	---	---	1969
1970	---	---	---	315.113	315.355	315.174	315.118	315.024	315.029	315.083	---	---	---	1970
1971	---	---	---	315.809	315.822	315.832	315.818	315.788	315.748	---	---	---	---	1971
1972	---	---	---	---	315.861	315.880	315.772	315.807	315.863	---	---	---	---	1972
1973	---	---	---	315.805	315.805	315.824	315.867	315.863	315.862	315.878	---	---	---	1973
1974	---	---	---	---	315.885	315.905	315.841	315.818	315.854	---	---	---	---	1974
1975	---	---	---	---	315.921	315.970	316.002	315.903	315.884	315.774	---	---	---	1975
1976	---	---	---	---	316.010	316.024	315.986	315.906	315.893	---	---	---	---	1976
1977	---	---	---	---	315.784	315.956	315.911	315.846	315.880	315.945	---	---	---	1977
1978	---	---	---	---	315.979	316.000	315.949	315.931	315.890	315.830	---	---	---	1978
1979	---	---	---	---	316.125	316.004	315.930	315.796	315.726	315.671	---	---	---	1979
1980	---	---	---	---	316.061	315.982	315.854	315.776	315.708	315.573	---	---	---	1980
1981	---	---	---	---	---	315.889	315.822	315.778	315.977	315.838	---	---	---	1981
1982	---	---	---	---	316.122	316.056	315.989	315.889	315.788	315.807	---	---	---	1982
1983	---	---	---	---	---	316.038	315.946	315.803	315.883	315.852	---	---	---	1983
MEAN	---	---	---	315.827	316.002	315.951	315.938	315.862	315.834	315.894	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 55 41 N
LONG 98 32 41 W REGULATED

SHERRYON LAKE NEAR RENNIE - STATION NO. 05PE003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	316.175 ON JUN 4	---	1964
		316.105 ON JUL 9	---	
1965	---	---	---	1965
1966	---	316.084 ON OCT 27	---	1966
1967	---	---	---	1967
1968	---	316.200 ON AUG 4	---	1968
1969	---	---	---	1969
		316.108 ON MAY 1	---	
1970	---	---	---	1970
1971	316.120 AT 0830 CST ON APR 22	316.443 ON MAY 3 *	---	1971
1972	316.123 AT 0808 CST ON MAY 7	316.117 ON APR 22	---	1972
1973	316.248 AT 0659 CST ON JUN 20	316.120 ON MAY 7	---	1973
1974	316.261 AT 1308 CST ON MAY 23 *	316.242 ON JUN 20	---	1974
		316.245 ON MAY 24	---	
1975	316.150 AT 1850 CST ON JUN 28	---	---	1975
1976	---	316.111 ON JUL 1	---	1976
1977	316.108 AT 1232 CST ON JUN 22	316.189A ON APR 27	---	1977
1978	---	316.099 ON JUN 22	---	1978
1979	316.187 AT 2239 CST ON MAY 5	---	---	1979
		316.183 ON MAY 3	---	
1980	316.083 AT 1838 CST ON MAY 15	---	---	1980
1981	316.151 AT 0800 CST ON OCT 5	316.079 ON MAY 14	---	1981
1982	316.141 AT 1050 CST ON MAY 5	316.147 ON OCT 5	---	1982
1983	316.186 AT 1503 CST ON MAY 18	316.172 ON MAY 17	---	1983
		316.182 ON MAY 18	---	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CEDAR LAKE AT EASTERVILLE - STATION NO. 05KL009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	255.383	255.781	---	---	1964
1965	---	---	256.519	256.429	256.458	256.311	256.208	256.302	256.644	256.589	256.519	256.394	---	1965
1966	256.267	---	---	255.851	256.228	256.121	256.475	256.614	256.473	256.420	256.279	256.010	---	1966
1967	255.565	---	254.985	254.679	255.251	256.046	256.380	256.574	256.371	256.200	255.933	---	---	1967
1968	---	---	---	254.808	255.302	---	255.656	255.980	256.201	256.238	---	---	---	1968
1969	255.196	---	254.255	254.109	255.238	256.719	256.067	256.438	256.504	256.526	256.330	255.873	---	1969
1970	255.285	254.564	253.835	---	---	256.389	256.888	256.189	256.221	256.216	256.258	255.867	---	1970
1971	255.487	255.071	254.550	254.284	255.278	255.782	256.055	256.304	256.208	256.114	256.008	255.884	255.568	1971
1972	255.230	254.851	254.126	253.980	255.101	255.805	256.358	256.510	256.345	256.171	255.851	---	---	1972
1973	255.057	254.708	254.502	254.457	255.473	256.293	256.455	256.280	256.311	256.444	256.317	256.045	255.700	1973
1974	255.738	255.204	254.762	254.015	255.383	256.417	256.248	256.437	256.435	256.398	256.494	256.057	255.803	1974
1975	255.563	254.771	---	---	---	256.019	256.392	256.430	256.218	255.954	256.057	255.619	---	1975
1976	---	---	---	---	---	---	255.553	255.802	256.082	256.323	256.388	255.933	---	1976
1977	255.180	254.728	254.464	254.180	254.855	255.181	255.486	---	255.872	255.784	255.580	---	---	1977
1978	254.261	253.894	---	254.823	---	---	256.105	256.398	256.457	256.484	256.467	255.948	---	1978
1979	255.298	254.263	---	---	254.778	255.592	256.334	256.361	256.418	256.472	256.523	256.268	---	1979
1980	255.788	255.228	---	---	255.727	255.988	256.201	256.029	255.875	255.872	255.322	254.845	---	1980
1981	---	---	---	---	---	256.185	256.198	256.078	256.035	256.032	255.147	---	---	1981
1982	---	---	---	255.518	256.105	255.292	255.880	256.015	255.958	---	---	---	---	1982
MEAN	255.376	254.708	254.868	254.756	255.459	255.814	256.097	256.277	256.251	256.189	256.139	255.876	255.690	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 07 00 N
LONG 98 50 00 W REGULATED

CEDAR LAKE AT EASTERVILLE - STATION NO. 05KL009

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	256.678 ON SEP 25	---	1965
1966	257.041 AT 1300 CST ON AUG 17 *	256.757 ON AUG 17 *	255.730 ON APR 1	1966
1967	256.885 AT 0130 CST ON SEP 23	256.648 ON AUG 2	254.807 ON APR 27	1967
1968	---	256.455 ON SEP 24	---	1968
1969	---	256.724 ON OCT 7	253.901 ON APR 11	1969
1970	256.638 AT 1130 CST ON OCT 2	256.388 ON OCT 2	---	1970
1971	256.660 AT 2025 CST ON OCT 7	256.398 ON AUG 24	254.124 ON APR 9	1971
1972	256.621 AT 1525 CST ON AUG 31	256.605 ON JUL 30	253.904 ON APR 20	1972
1973	256.606 AT 1203 CST ON OCT 15	256.639 ON OCT 15	254.340 ON APR 13	1973
1974	256.682 AT 0740 CST ON NOV 9	256.648 ON AUG 26	253.847 ON APR 23	1974
1975	---	256.489 ON JUL 7	---	1975
1976	---	256.480A ON NOV 2	253.783 ON MAR 28 *	1976
1977	---	---	---	1977
1978	256.776 AT 1026 CST ON NOV 5	256.883 ON NOV 8	---	1978
1979	256.648 AT 0305 CST ON JUN 15	256.603 ON JUN 15	---	1979
1980	256.353 AT 0858 CST ON JUL 7	256.268 ON JUL 7	---	1980
1981	256.345 AT 0759 CST ON JUL 2	256.310 ON JUL 2	---	1981
1982	256.150 AT 0105 CST ON AUG 15	256.080 ON AUG 26	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CEDAR LAKE NEAR GLEIGH POINT - STATION NO. 05KL005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	253.635	253.700	253.693	---	---	---	---	---	1943
1944	---	---	---	---	---	---	253.698	---	253.472	---	---	---	---	1944
1945	---	---	---	---	---	---	---	253.588	---	---	---	---	---	1945
1946	---	---	---	---	---	---	---	253.614	---	---	---	---	---	1946
1947	---	---	---	---	---	---	---	253.588	253.374	253.301	---	---	---	1947
1948	---	---	---	---	---	---	254.648	254.140	---	---	---	---	---	1948
1949	---	---	---	---	---	253.286	---	253.388	---	---	---	---	---	1949
1950	---	---	---	---	---	253.631	253.686	---	253.398	---	---	---	---	1950
1951	---	---	---	---	---	---	254.018	---	---	---	---	---	---	1951
1952	---	---	---	---	---	254.010	---	---	---	---	---	---	---	1952
1953	---	---	---	---	---	253.832	---	---	253.881	---	---	---	---	1953
1954	---	---	---	---	---	---	254.277	---	254.214	---	---	---	---	1954
1955	---	---	---	---	---	254.254	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	254.040	253.781	253.501	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	253.815	253.656	253.713	253.614	253.330	253.155	---	---	---	1958
1959	---	---	---	---	---	253.474	253.773	253.644	---	---	---	---	---	1959
1960	---	---	---	---	---	---	253.714	253.656	253.213	253.040	---	---	---	1960
1961	---	---	---	---	---	253.394	253.481	253.187	---	---	---	---	---	1961
1962	---	---	---	---	---	253.606	253.638	253.407	253.237	---	---	---	---	1962
1966	---	---	---	255.818	---	---	---	256.826	---	---	---	256.007	---	1966
1967	---	255.267	254.987	254.671	255.245	---	---	---	---	---	256.188	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	256.219	256.119	---	1968
1969	---	---	---	---	255.228	255.705	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	256.221	256.208	---	---	---	1970
1971	---	---	---	---	---	---	256.047	256.312	256.211	256.087	255.988	---	---	1971
1972	---	---	---	253.978	255.100	256.807	256.387	256.618	256.337	256.167	255.965	256.523	---	1972
1973	255.084	254.708	254.507	254.459	255.481	256.291	---	---	---	---	---	---	---	1973
1974	---	255.203	254.783	253.994	---	---	256.248	256.424	256.436	256.421	256.510	256.074	---	1974
1975	255.571	254.776	254.073	253.717	255.008	256.036	256.368	256.389	256.218	255.937	256.071	256.832	255.491	1975
1976	---	254.633	254.016	254.138	254.847	255.183	255.585	256.811	---	---	256.387	255.946	---	1976
1977	255.188	254.718	254.483	254.637	255.230	255.298	255.497	255.716	255.874	255.795	255.592	---	---	1977
1978	254.284	253.897	253.676	253.605	254.782	255.602	256.114	256.403	256.457	256.514	256.457	255.940	255.320	1978
1979	255.300	254.258	253.704	253.882	255.241	256.420	256.351	256.393	256.453	256.487	256.534	256.281	255.819	1979
1980	255.786	255.228	254.679	254.858	255.737	255.880	256.182	256.067	255.863	255.692	255.324	254.837	255.522	1980
1981	254.443	254.508	254.985	255.528	256.126	256.223	256.228	256.103	---	---	---	---	---	1981
1982	---	254.173	253.782	---	254.553	255.270	255.681	256.015	255.985	---	255.938	255.714	---	1982
1983	255.648	255.133	254.218	---	---	255.347	255.778	256.141	256.110	255.985	255.871	255.482	---	1983
MEAN	255.159	254.708	254.323	254.457	255.108	254.806	254.938	254.985	254.869	255.547	256.064	255.745	255.488	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1971 ADJ.)

LOCATION - LAT 53 19 33 N
LONG 100 15 00 W REGULATED

REMARKS - RECORDS PRIOR 1966 HAVE NOT BEEN PUBLISHED

CEDAR LAKE NEAR OLESON POINT - STATION NO. OSKL00S

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	253.817 ON JUL 30	---	1951
1952	---	254.124 ON AUG 14	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	254.265 ON JUN 8	---	1956
1957	---	254.258 ON JUN 3	---	1957
1958	---	253.938 ON JUN 5	---	1958
1959	---	253.850 ON MAY 15	---	1959
1960	---	253.853 ON JUL 28	---	1960
1961	---	---	---	1961
1962	---	253.568 ON JUL 6	---	1962
1966	257.058 AT 1900 CST ON AUG 30 *	---	---	1966
1967	256.706 AT 1830 CST ON AUG 13	256.748 ON AUG 18 *	---	1967
1968	---	256.568 ON AUG 11	---	1968
1969	---	256.270 ON SEP 25	---	1969
1970	256.544 AT 0915 CST ON NOV 12	256.587 ON OCT 7	---	1970
1971	256.638 AT 1100 CST ON AUG 17	256.315 ON NOV 3	---	1971
1972	256.831 AT 0800 CST ON AUG 12	256.367 ON AUG 18	---	1972
1973	256.851 AT 1955 CST ON JUL 5	256.575 ON AUG 10	---	1973
1974	256.745 AT 1850 CST ON NOV 9	256.520 ON JUL 6	254.322 ON APR 13	1974
1975	256.838 AT 0857 CST ON AUG 12	256.578 ON NOV 14	---	1975
1976	---	256.455 ON AUG 13	253.588 ON APR 14	1976
1977	255.950 AT 0750 CST ON SEP 16	256.428 ON NOV 3	253.770 ON MAR 28	1977
1978	256.620 AT 1159 CST ON NOV 5	255.938 ON SEP 17	254.385 ON APR 8	1978
1979	256.800 AT 2324 CST ON JUN 14	256.593 ON NOV 9	253.534 ON APR 15 *	1979
1980	256.285 AT 0811 CST ON JUL 24	256.581 ON JUN 15	253.850 ON MAR 18	1980
1981	256.355 AT 2008 CST ON JUN 27	256.232 ON JUL 24	254.411 ON MAR 27	1981
1982	256.125 AT 0137 CST ON AUG 24	255.344 ON JUN 28	254.389 ON JAN 18	1982
1983	256.245 AT 1244 CST ON AUG 18	256.073 ON AUG 24	---	1983
		256.186 ON SEP 19	---	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1971 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHILDS LAKE NEAR BOGGY CREEK - STATION NO. OSMD00S

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	1.723	---	---	---	---	---	1974
1976	---	---	---	---	---	1.869	1.825	1.730	1.659	---	---	---	---	1976
1977	---	---	---	1.583	1.821	1.613	1.615	1.593	1.528	1.640	---	---	---	1977
1978	---	---	---	---	1.718	1.739	1.712	1.639	1.633	1.615	---	---	---	1978
1979	---	---	---	---	---	2.015	1.979	1.932	1.918	1.815	---	---	---	1979
1980	---	---	---	---	1.594	1.544	1.528	---	1.477	1.433	---	---	---	1980
1981	---	---	---	---	1.457	---	1.454	1.415	1.368	1.317	---	---	---	1981
1982	---	---	---	---	1.349	1.344	1.353	1.339	1.260	1.233	---	---	---	1982
1983	---	---	---	---	1.365	1.435	1.482	1.385	1.268	1.266	---	---	---	1983
MEAN	---	---	---	1.583	1.617	1.654	1.616	1.595	1.528	1.474	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 34 37 N
LONG 101 01 54 W NATURAL FLOW

CHILDS LAKE NEAR BOGGY CREEK - STATION NO. OSMD00S

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1974	---	---	---	1974
1976	---	---	---	1976
1977	1.670 AT 1333 CST ON SEP 27	1.687 ON SEP 28	1.543A ON MAR 9 *	1977
1978	1.758 AT 2107 CST ON JUN 7	1.750 ON JUN 4	---	1978
1979	2.028 AT 0417 CST ON JUN 8 *	2.027 ON JUN 7 *	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	1.407 AT 0925 CST ON JUL 17	1.404 ON JUL 17	---	1982
1983	1.482 AT 1421 CST ON JUL 10	1.476 ON JUL 18	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHURCHILL RIVER DIVERSION AT SOUTH BAY - STATION NO. 06EC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	257.927	257.890	257.797	257.892	258.202	258.198	258.078	258.159	258.132	258.114	258.013	257.947	258.028	1978
1979	257.807	---	---	---	---	258.108	258.118	257.929	257.816	257.942	257.936	257.954	---	1979
1980	257.942	257.912	257.850	257.774	257.928	258.087	257.951	258.178	---	---	258.059	257.893	---	1980
1981	257.873	257.783	257.683	---	---	257.805	257.718	257.440	---	---	258.985	257.814	---	1981
1982	257.833	257.844	257.822	258.953	257.238	---	---	258.084	258.010	257.763	---	---	---	1982
MEAN	257.716	257.845	257.583	257.540	257.780	258.044	257.978	257.958	258.019	257.940	257.748	257.727	258.028	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 56 39 15 N
LONG 99 03 06 W REGULATED SINCE 1976

CHURCHILL RIVER DIVERSION AT SOUTH BAY - STATION NO. 06EC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	258.434 AT 1150 CST ON MAY 30 *	258.382 ON JUN 2 *	257.778 ON MAR 23	1978
1979	258.202 AT 1430 CST ON JUN 26	258.198 ON JUN 26	---	1979
1980	258.282 AT 1435 CST ON AUG 25	258.242 ON AUG 25	257.740 ON APR 23	1980
1981	257.940 AT 0001 CST ON JAN 1	257.937 ON JAN 1	258.958 ON NOV 8 *	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEAR LAKE AT WASAGAMING - STATION NO. 05MF019

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	515.230	515.298	515.332	515.256	515.170	515.116	515.015	---	---	---	1960
1961	---	---	515.058	515.077	515.133	515.115	515.033	514.939	514.848	514.787	---	---	---	1961
1962	---	---	514.873	514.883	514.902	514.981	514.988	514.955	514.926	514.872	---	---	---	1962
1963	---	---	514.858	514.958	515.066	515.125	515.149	515.127	515.127	515.100	---	---	---	1963
1964	---	---	---	---	515.195	515.171	515.136	515.102	515.069	515.033	---	---	---	1964
1965	---	---	---	---	515.285	515.346	515.344	515.305	515.326	---	---	---	---	1965
1966	---	---	---	515.402	515.488	515.505	515.502	515.459	515.402	515.327	---	---	---	1966
1967	---	---	---	---	515.542	515.514	515.488	515.436	515.313	515.234	---	---	---	1967
1968	---	---	---	---	515.408	515.414	515.448	515.513	515.524	515.489	---	---	---	1968
1969	---	---	---	---	515.572	---	515.616	515.588	515.481	515.424	---	---	---	1969
1970	---	---	---	---	---	515.684	515.598	515.482	515.386	515.361	---	---	---	1970
1971	---	---	---	---	515.470	515.582	515.563	515.481	515.358	515.338	---	---	---	1971
1972	---	---	---	---	515.308	515.275	515.198	515.154	515.087	515.007	---	---	---	1972
1973	---	---	---	515.078	515.114	515.148	515.141	515.133	515.128	515.119	---	---	---	1973
1974	---	---	---	---	515.412	515.414	515.335	515.228	515.161	515.110	---	---	---	1974
1975	---	---	---	---	---	515.342	515.325	515.320	---	515.415	---	---	---	1975
1976	---	---	---	---	515.426	515.425	515.358	515.236	515.138	515.048	---	---	---	1976
1977	---	---	---	515.104	515.164	515.199	515.241	515.197	515.190	515.189	515.141	---	---	1977
MEAN	---	---	514.943	515.105	515.298	515.328	515.315	515.264	515.211	515.167	515.141	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 39 39 N DRAINAGE AREA, 157 km²
LONG 99 58 27 W

CLEAR LAKE AT WASAGAMING - STATION NO. 05MF019

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	515.367 ON MAY 30	---	1960
1961	---	515.141 ON MAY 13	---	1961
1962	---	515.001 ON JUN 22	---	1962
1963	---	515.189 ON JUL 2	---	1963
1964	---	515.208 ON MAY 4	---	1964
1965	---	515.388 ON JUN 5	---	1965
1966	---	515.556 ON JUL 5	---	1966
1967	---	515.556 ON MAY 23	---	1967
1968	---	515.547 ON SEP 12	---	1968
1969	---	515.641 ON JUL 6	---	1969
1970	---	515.786 ON MAY 18 *	---	1970
1971	---	515.653 ON JUN 17	---	1971
1972	---	515.327 ON MAY 10	---	1972
1973	---	515.172 ON JUN 24	---	1973
1974	---	515.440 ON MAY 26	---	1974
1975	---	515.483 ON SEP 20	---	1975
1976	---	515.461 ON JUN 14	---	1976
1977	---	515.265 ON JUL 13	515.082 ON APR 1 *	1977

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEARWATER LAKE AT GUY HILL - STATION NO. 05KK003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	260.188	260.148	260.120	260.048	---	259.894	260.011	---	1971
1972	260.032	260.041	260.051	260.071	260.132	260.183	260.239	260.212	260.123	260.082	260.006	260.012	260.088	1972
1973	260.036	260.045	---	260.081	260.188	260.274	260.298	---	260.180	260.100	260.042	260.085	---	1973
1974	260.073	260.094	260.133	260.135	260.212	260.256	---	260.219	260.172	260.087	---	---	---	1974
1975	---	260.083	260.082	260.101	260.189	260.270	260.306	260.307	260.231	260.159	260.089	260.078	---	1975
1976	260.083	260.060	260.061	260.082	260.081	260.178	260.268	260.234	260.126	260.030	259.975	259.966	260.088	1976
1977	259.974	259.977	259.987	260.010	260.038	260.050	260.114	260.148	260.147	260.093	260.109	260.106	260.064	1977
1978	260.115	260.111	260.110	260.142	260.184	260.208	260.125	260.176	260.116	260.068	260.053	260.048	260.126	1978
1979	260.084	260.083	260.073	260.085	260.148	260.241	260.229	260.156	260.126	260.080	260.040	260.027	260.111	1979
1980	260.045	260.058	260.080	260.084	260.080	260.081	260.055	260.001	259.953	259.919	259.867	259.856	259.998	1980
1981	259.884	259.884	259.888	259.924	259.945	259.895	260.030	260.026	259.985	259.974	259.992	259.985	259.985	1981
1982	260.030	260.037	260.051	260.054	260.068	260.127	---	---	259.988	259.935	259.890	259.912	---	1982
1983	259.936	259.948	259.965	259.978	260.055	260.178	260.291	260.311	260.260	260.173	260.141	260.135	260.115	1983
MEAN	260.022	260.035	260.046	260.080	260.103	260.188	260.202	260.173	260.108	260.065	260.017	260.017	260.071	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 53 58 55 N
LONG 101 05 00 W NATURAL FLOW

CLEARWATER LAKE AT GUY HILL - STATION NO. 05KK003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	260.317 AT 2250 CST ON JUN 28	260.253 ON JUL 7	260.000 ON NOV 8	1972
1973	---	---	---	1973
1974	260.305 AT 2310 CST ON JUN 26	260.266 ON JUN 28	260.048 ON NOV 15	1974
1975	260.522 AT 2145 CST ON JUL 8 *	260.409 ON JUL 7 *	260.052 ON JAN 3	1975
1976	260.317 AT 1145 CST ON JUL 28	260.293 ON JUL 31	259.951 ON NOV 26	1976
1977	260.214 AT 2345 CST ON AUG 9	260.180 ON AUG 10	259.864 ON JAN 30	1977
1978	260.238 AT 1634 CST ON JUL 30	260.223 ON JUL 2	260.040 ON NOV 20	1978
1979	260.263 AT 2350 CST ON JUN 24	260.254 ON JUN 25	260.021 ON DEC 7	1979
1980	260.087 AT 0226 CST ON JUN 25	260.077 ON JUL 19	259.847 ON DEC 1 *	1980
1981	260.083 AT 1100 CST ON JUL 19	260.048 ON JUL 24	259.858 ON JAN 18	1981
1982	260.158 AT 1836 CST ON JUN 23	260.145 ON JUN 24	259.877 ON NOV 21	1982
1983	260.388 AT 0812 CST ON JUL 29	260.355 ON JUL 29	259.927 ON JAN 1	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEARWATER LAKE NEAR THE PAS - STATION NO. 05KK003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	260.096	---	260.047	---	---	---	---	---	1969
1970	---	---	---	---	---	---	260.374	260.311	260.211	260.115	---	---	---	1970
MEAN	---	---	---	---	---	260.096	260.374	260.179	260.211	260.115	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 59 00 N
LONG 101 10 00 W NATURAL FLOW

CLEARWATER LAKE NEAR THE PAS - STATION NO. 05KK003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	260.037 ON SEP 8	---	1964
1965	---	---	---	1965
1966	---	260.287 ON JUL 23	---	1966
1967	---	260.381 ON JUL 12	---	1967
1968	---	---	---	1968
1969	---	260.235 ON JUL 10	---	1969
1970	260.500 AT 1910 CST ON JUL 18 *	260.387 ON JUL 12 *	---	1970

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CORMORANT LAKE AT CORMORANT - STATION NO. 05KK002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	256.454	256.419	256.424	256.459	256.454	---	1978
1979	---	---	---	256.354	256.468	256.751	256.605	256.701	256.630	256.586	256.518	256.495	---	1979
1980	---	---	---	---	256.364	256.309	256.230	256.131	256.103	256.142	256.182	256.181	---	1980
1981	---	---	---	256.036	256.042	256.084	---	---	255.940	255.977	256.082	256.128	---	1981
1982	---	256.174	---	---	---	256.337	256.277	256.171	256.088	---	---	---	---	1982
1983	255.980	255.987	255.981	255.980	256.063	256.238	256.426	256.624	256.652	256.708	256.734	256.737	256.341	1983
MEAN	255.980	256.081	255.981	256.117	256.234	256.345	256.436	256.416	256.302	256.361	256.381	256.385	256.341	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 54 13 00 N
LONG 100 36 00 W REGULATED

CORMORANT LAKE AT CORMORANT - STATION NO. 05KK002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	---	---	1978
1979	257.040 AT 0123 CST ON JUN 25 *	256.837 ON JUL 8 *	256.343 ON APR 6	1979
1980	256.507 AT 0820 CST ON JAN 13	256.494 ON JAN 18	256.087 ON SEP 13	1980
1981	---	---	255.904 ON SEP 20 *	1981
1982	256.409 AT 0809 CST ON JUN 8	256.352 ON JUN 6	---	1982
1983	256.786 AT 2251 CST ON OCT 16	256.751 ON NOV 24	255.945 ON APR 27	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROSS LAKE ABOVE WHITEMUD FALLS - STATION NO. 05UD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	208.195	207.928	207.690	---	---	---	---	1972
MEAN	---	---	---	---	---	---	208.195	207.928	207.690	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 42 30 N
LONG 97 52 30 W

CROSS LAKE AT CROSS LAKE - STATION NO. 05UD001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1919	208.718	---	---	---	208.543	208.987	208.919	208.950	208.865	208.747	---	---	---	1919
1920	---	---	208.252	208.225	---	207.123	207.262	207.281	207.234	207.154	208.848	208.527	---	1920
1921	208.113	208.095	208.034	208.054	208.487	207.081	207.311	207.240	207.239	207.154	208.990	208.726	208.702	1921
1922	208.812	208.677	208.393	208.300	208.899	207.437	207.595	207.580	207.461	207.288	207.130	208.853	207.038	1922
1923	208.885	208.748	208.481	208.285	208.734	207.178	207.280	207.272	207.240	---	207.133	208.788	---	1923
1924	208.888	208.885	208.320	208.174	208.581	208.972	207.108	207.078	207.008	207.013	208.863	208.540	208.741	1924
1925	208.488	208.381	208.188	208.287	208.673	207.018	207.382	207.480	207.480	207.286	208.988	208.887	208.877	1925
1926	208.977	208.917	208.816	208.814	208.815	207.125	207.105	---	208.898	208.787	208.787	208.835	---	1926
1927	208.880	208.843	208.737	208.649	207.176	207.785	208.047	208.134	208.222	208.201	207.984	207.845	207.543	1927
1928	207.800	207.818	207.293	207.087	207.410	207.617	207.617	207.690	207.888	---	207.387	207.083	---	1928
1929	207.023	208.989	208.882	208.811	208.822	207.128	207.208	207.070	208.885	208.745	208.493	208.452	208.858	1929
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
1931	208.024	208.927	208.755	208.818	---	208.672	208.701	208.621	208.482	208.284	208.177	208.085	---	1931
1932	208.927	208.953	208.748	208.894	208.351	208.302	208.282	208.214	208.258	208.382	208.257	208.020	---	1932
1933	208.922	208.837	208.882	---	208.233	208.505	208.518	208.528	208.448	208.240	208.120	208.034	208.173	1933
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	207.885	207.534	207.285	207.144	207.546	207.928	207.985	207.897	207.751	208.238	208.004	207.728	---	1951
1952	207.311	207.180	208.948	208.883	207.389	207.621	207.717	207.623	207.573	207.673	207.420	207.271	207.593	1952
1953	207.121	207.014	---	---	---	207.280	207.881	207.785	207.751	207.421	207.234	207.004	207.323	1953
1954	---	---	---	---	---	207.742	208.043	208.183	---	207.411	207.780	---	---	1954
1955	---	---	---	207.430	---	---	---	---	---	208.172	---	---	---	1955
1956	---	---	207.303	207.090	207.371	208.011	208.102	208.049	207.886	207.847	207.538	---	---	1956
1957	207.135	207.068	208.894	208.714	207.131	---	---	---	---	207.751	---	207.221	---	1957
1958	208.873	208.587	208.542	208.544	208.687	207.008	207.007	207.050	208.876	---	207.127	---	---	1958
1959	---	208.570	208.283	208.241	208.917	207.481	207.888	---	---	208.851	208.781	208.883	208.798	1959
1960	---	207.188	---	208.807	207.379	207.883	207.740	207.584	207.422	207.441	207.238	207.188	---	1960
1961	208.881	208.518	---	---	---	208.885	---	---	---	---	---	---	---	1961
1962	---	---	208.713	208.880	208.272	---	---	---	---	208.332	---	---	---	1962
1963	208.788	---	---	208.450	208.854	207.314	207.478	207.353	207.281	207.178	208.878	208.723	---	1963
1964	208.889	208.438	208.314	208.288	208.842	207.074	207.151	207.110	207.080	207.187	208.837	208.888	---	1964
1965	---	208.908	208.882	208.572	---	---	208.084	208.088	207.937	208.979	---	---	---	1965
1966	---	---	---	207.358	207.882	208.887	---	208.589	208.334	207.834	---	---	---	1966
1967	207.634	207.605	---	207.272	207.723	208.234	208.148	207.903	207.703	208.085	207.824	207.488	---	1967
1968	207.000	208.840	208.780	208.885	---	207.413	207.478	207.413	207.528	207.407	207.145	208.835	---	1968
1969	207.480	207.514	---	---	---	207.978	207.943	207.907	208.000	---	---	---	---	1969
1970	---	---	207.724	207.545	207.925	208.227	208.351	208.193	207.916	207.669	207.718	207.888	---	1970
1971	---	---	207.488	207.533	208.035	208.140	208.014	207.788	---	---	207.108	---	---	1971
1972	207.404	207.533	207.480	207.384	---	---	208.017	207.788	---	207.309	207.081	207.147	---	1972
1973	207.118	207.002	208.882	208.888	207.183	208.815	208.705	208.841	208.487	---	---	207.083	---	1973
1974	207.284	207.343	207.280	207.243	207.948	208.525	208.728	208.588	208.328	208.216	207.951	207.431	207.908	1974
1975	207.854	207.857	207.808	207.531	207.887	---	---	---	---	208.258	---	---	---	1975
1976	---	---	---	---	---	207.870	207.830	208.855	208.518	207.080	207.020	207.142	---	1976
1977	207.028	---	---	---	---	208.856	208.882	208.803	208.850	208.888	207.138	207.138	---	1977
1978	207.282	207.078	208.841	208.744	208.422	208.820	208.822	208.980	208.328	207.388	207.718	207.888	208.784	1978
1979	208.003	207.888	207.888	207.488	208.120	208.787	208.893	207.011	208.283	207.082	207.803	207.482	207.890	1979
1980	207.430	207.837	207.418	208.888	208.782	208.851	208.882	208.780	208.822	208.828	207.283	207.814	208.853	1980
1981	207.840	207.284	208.480	208.728	208.812	208.417	208.857	208.810	208.142	207.020	---	---	---	1981
1982	---	---	208.808	208.833	208.838	208.128	208.227	208.508	207.148	207.883	207.888	207.488	---	1982
1983	207.878	207.480	207.378	207.301	208.848	208.818	208.838	208.887	208.883	207.041	207.803	207.804	207.118	1983
MEAN	207.814	208.888	208.788	208.718	207.818	207.233	207.318	207.288	207.188	207.273	207.182	207.848	207.883	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

LOCATION - LAT 54 37 25 N
LONG 97 47 07 W REGULATED

CROSS LAKE AT CROSS LAKE - STATION NO. 05UD001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1918	---	---	---	1918
1919	---	207.011 ON MAY 27	---	1919
1920	---	207.319 ON JUL 11	---	1920
1921	---	207.365 ON JUL 19	205.963 ON FEB 28	1921
1922	---	207.857 ON JUL 30	206.178 ON MAR 29	1922
1923	---	207.392 ON OCT 11	206.158 ON APR 16	1923
1924	---	207.184 ON JUN 28	206.142 ON APR 11	1924
1925	---	207.529 ON AUG 22	206.088 ON MAR 31	1925
1926	---	207.148 ON JUN 9	206.447 ON APR 26	1926
1927	---	208.337 ON SEP 17	206.600 ON MAR 28	1927
1928	---	207.895 ON JAN 1	207.028 ON DEC 28	1928
1929	---	207.270 ON JUN 23	206.325 ON NOV 24	1929
1930	---	208.782 ON JUN 28	---	1930
1931	---	208.417 ON OCT 27	205.700 ON MAR 30	1931
1932	---	206.584 ON JUL 20	205.894 ON APR 7	1932
1933	---	---	---	1933
1950	---	---	---	1950
1951	---	208.028 ON JUL 8	207.124 ON APR 14	1951
1952	---	207.770 ON JUL 21	206.818 ON APR 5	1952
1953	---	207.926 ON SEP 3	---	1953
1954	---	208.352 ON OCT 5	---	1954
1955	---	208.416 ON JUL 8	---	1955
1956	---	208.142 ON JUL 24	207.080 ON APR 13	1956
1957	---	207.779 ON JUL 31	206.833 ON APR 19	1957
1958	---	207.089 ON SEP 15	206.441 ON APR 1	1958
1959	---	207.749 ON SEP 9	206.208 ON APR 5	1959
1960	---	207.936 ON JUN 15	206.851 ON DEC 12	1960
1961	---	206.986 ON JUN 7	---	1961
1962	---	207.279 ON OCT 11	205.821 ON APR 15	1962
1963	---	207.541 ON JUN 30	206.334 ON APR 10	1963
1964	---	207.215 ON AUG 5	206.334 ON APR 8	1964
1965	---	208.178 ON JUN 28	206.484 ON APR 8	1965
1966	---	206.852 ON JUL 12	---	1966
1967	208.303 AT 0840 CST ON JUN 8	208.285 ON JUN 8	206.910 ON DEC 12	1967
1968	207.838 AT 1600 CST ON SEP 21	207.618 ON SEP 21	206.630 ON APR 8	1968
1969	208.178 AT 1042 CST ON SEP 5	208.161 ON SEP 5	---	1969
1970	208.431 AT 2133 CST ON JUL 15	208.410 ON JUL 11	207.447 ON DEC 9	1970
1971	208.227 AT 0200 CST ON MAY 29	206.184 ON JUN 3	---	1971
1972	---	---	206.950 ON NOV 28	1972
1973	207.316 AT 2126 CST ON MAY 24	207.304 ON MAY 25	206.313 ON SEP 16	1973
1974	208.781 AT 0400 CST ON JUL 15	208.782 ON JUL 15	207.166 ON JAN 1	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	207.304 AT 0807 CST ON NOV 20	207.304 ON NOV 20	---	1977
1978	208.047 ON DEC 11	208.047 ON DEC 11	205.745 ON JUN 9	1978
1979	208.823 AT 1445 CST ON JUN 20 *	208.869 ON JUN 20 *	205.917 ON AUG 31	1979
1980	207.777 AT 1734 CST ON DEC 27	207.770 ON DEC 27	205.339 ON JUL 12	1980
1981	207.714 AT 0001 CST ON JAN 1	207.697 ON JAN 1	205.207 ON JUN 17 *	1981
1982	207.780 AT 1918 CST ON NOV 11	207.763 ON NOV 12	206.067 ON JUN 3	1982
1983	207.760 AT 2359 CST ON DEC 31	207.758 ON DEC 31	206.339 ON JUL 6	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROSS LAKE BELOW JENPEC - STATION NO. 05UD008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	208.257	208.005	---	---	---	---	---	1972
MEAN	---	---	---	---	---	---	208.257	208.005	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 35 10 N
LONG 97 59 10 W

DAUPHIN LAKE AT OCHRE BEACH - STATION NO. 05LJ818

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	---	280.347	280.203	---	280.014	---	---	---	1928
1930	---	---	---	---	280.157	280.173	280.143	---	---	---	---	---	---	1929
1932	---	---	---	---	279.884	279.880	---	279.853	---	---	---	---	---	1930
1951	---	---	---	---	---	280.453	280.407	280.320	280.334	---	---	---	---	1932
1952	---	---	---	---	---	280.463	---	---	280.286	---	---	---	---	1951
1953	---	---	---	---	---	---	281.443	---	---	---	---	---	---	1952
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1956	---	---	280.286	---	---	---	---	---	---	---	---	---	---	1954
1957	280.440	280.380	280.313	---	---	280.890	281.148	---	280.788	280.643	280.564	280.488	---	1956
1958	---	280.288	280.306	---	280.875	280.742	280.819	---	280.393	280.251	---	280.388	---	1957
1959	---	280.128	280.132	280.209	280.388	280.388	280.387	---	280.109	280.074	---	280.081	---	1958
1960	280.338	280.347	280.381	---	280.823	280.882	280.410	---	---	---	---	280.324	---	1959
1961	---	---	---	---	---	---	280.703	280.571	280.398	---	280.235	---	---	1960
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1965	---	---	---	---	---	280.228	---	---	---	---	---	---	---	1964
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	---	---	281.474	---	280.308	280.383	---	---	---	1974
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1977	280.388	280.380	280.382	280.405	280.382	280.374	280.405	280.408	280.434	280.444	280.384	280.365	280.387	1976
1978	280.338	280.280	280.235	280.358	280.811	280.418	280.348	280.218	280.231	280.248	280.229	280.250	280.308	1977
1979	280.274	280.276	280.319	280.501	281.459	281.556	281.258	280.982	280.780	280.818	---	280.489	---	1978
1980	280.428	280.377	280.328	280.383	280.400	280.284	280.237	280.238	280.270	280.258	280.257	280.248	280.308	1979
1981	280.215	---	280.189	---	280.274	280.376	280.375	280.359	280.285	280.286	280.271	---	---	1980
1982	280.285	280.228	280.208	280.307	280.478	280.418	280.352	---	280.257	280.255	---	---	---	1981
1983	---	---	---	---	---	280.989	281.007	280.783	280.594	280.484	---	---	---	1982
MEAN	280.337	280.298	280.278	280.380	280.520	280.540	280.645	280.394	280.386	280.337	280.318	280.319	280.337	1983
														MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 08 45 N
LONG 99 44 20 W

REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

DAUPHIN LAKE AT OCHRE BEACH - STATION NO. 05LJ818

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1928	---	---	---	1928
1930	---	---	---	1929
1932	---	---	---	1930
1951	---	---	---	1932
1952	---	---	---	1951
1953	---	---	---	1952
1954	---	---	---	1953
1956	---	281.840 ON JUL 4	---	1954
1957	---	281.275 ON JUN 30	280.247 ON JAN 5	1956
1958	---	---	---	1957
1959	---	281.238 ON JUL 13	---	1958
1960	---	280.921 ON MAY 12	280.226 ON APR 11	1959
1961	---	---	280.267 ON OCT 4	1960
1962	---	280.577 ON SEP 14	279.888 ON OCT 12	1961
1963	---	---	280.098 ON JAN 1	1962
1964	---	281.125 ON JUN 2	---	1963
1965	---	280.186 ON MAY 14	280.058 ON NOV 27	1964
1966	---	280.280 ON MAY 31	279.888 ON NOV 16	1965
1967	---	280.375 ON MAY 19	279.885 ON JUL 25	1966
1968	---	280.403 ON MAY 16	279.254 ON FEB 25 *	1967
1969	---	---	---	1968
1970	---	280.674 ON NOV 6	279.855 ON JAN 16	1969
1971	---	281.284 ON JUN 2	280.342 ON NOV 5	1970
1972	---	281.113 ON MAY 16	280.314 ON SEP 27	1971
1973	---	280.783 ON MAY 17	280.427 ON JUN 27	1972
1974	---	281.012 ON JUL 4	280.321 ON OCT 23	1973
1975	---	281.174 ON MAY 28	---	1974
1976	---	280.776 ON JUN 18	280.345 ON JAN 2	1975
1977	---	281.043 ON MAY 23	280.287 ON APR 3	1976
1978	---	280.882 ON JUN 20	280.267 ON OCT 8	1977
1979	---	---	280.226 ON SEP 23	1978
1980	---	281.214 ON SEP 30	---	1979
1981	---	281.524 ON JUN 17	---	1980
1982	---	280.859 ON OCT 5	280.238 ON JUN 5	1981
1983	---	280.647 ON MAY 8	280.113 ON NOV 4	1982
		281.703 ON JUN 7 *	280.254 ON JAN 23	1983
		280.800 ON MAY 8	---	
		280.817 ON JUN 15	280.140 ON AUG 3	
		280.816 ON JUN 8	280.134 ON SEP 22	
		281.188 ON JUN 28	280.128 ON SEP 26	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DAUPHIN LAKE AT OUTLET - STATION NO. 05LJ008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	280.307	280.238	280.183	280.257	280.258	280.254	280.188	280.225	280.108	---	---	---	---	
1949	---	---	---	---	280.483	---	280.699	---	---	---	---	---	---	1949
1950	---	---	---	280.320	280.574	---	---	---	---	---	---	---	---	1950
1951	---	---	---	---	280.540	280.435	280.335	---	280.258	---	---	---	---	1951
1952	---	---	---	280.402	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	280.978	---	---	---	---	---	280.825	---	1954
1955	280.519	280.437	280.373	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	280.407	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	280.382	---	280.285	---	---	---	---	---	---	---	1958
1959	---	---	---	---	280.281	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	280.515	280.358	280.270	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	280.011	---	280.224	---	---	---	---	---	---	1963
1965	---	---	---	280.073	280.236	280.484	280.431	280.434	280.418	280.533	280.548	---	---	1965
1966	---	---	---	280.683	281.076	280.998	280.686	280.689	280.508	280.380	280.332	280.391	---	1966
1967	280.415	280.438	280.433	---	280.905	280.838	280.648	280.546	280.427	280.384	280.378	---	---	1967
1968	---	280.431	280.438	280.532	280.582	280.584	280.510	280.505	280.510	280.480	280.464	---	---	1968
1969	---	280.484	280.520	280.641	280.718	280.859	280.788	280.611	280.447	280.388	280.306	280.310	---	1969
1970	---	---	280.338	280.420	281.028	281.051	280.888	280.728	280.542	280.477	---	---	---	1970
1971	280.387	280.332	280.278	280.431	280.656	280.622	280.580	280.475	280.381	280.351	280.447	280.488	280.431	1971
1972	---	280.478	280.490	280.680	280.816	280.783	280.581	280.447	280.331	280.282	280.288	---	---	1972
1973	---	280.315	280.334	280.351	280.385	280.382	280.338	280.287	280.273	280.346	---	---	---	1973
1974	280.482	280.514	280.532	280.690	281.580	281.780	281.397	281.068	280.864	280.788	280.611	280.519	280.802	1974
1975	280.444	280.391	280.335	280.393	280.787	280.804	280.617	280.523	---	---	280.940	280.825	---	1975
1976	---	280.605	280.544	280.934	281.184	281.241	281.250	280.952	280.683	280.505	280.402	280.383	---	1976
1977	280.376	280.359	280.354	280.376	280.380	280.349	280.362	280.355	280.398	280.413	280.355	280.331	280.388	1977
1978	280.397	280.247	280.205	280.317	280.457	280.371	280.288	280.195	280.211	280.202	280.198	280.225	280.287	1978
1979	280.251	280.288	280.310	280.483	281.398	281.488	281.198	280.899	280.694	280.536	280.457	280.428	280.704	1979
1980	280.378	280.331	280.283	280.338	280.351	280.358	280.209	280.217	280.238	280.184	280.230	280.211	280.288	1980
1981	280.184	280.148	280.158	280.230	280.231	280.312	280.381	280.325	280.264	280.271	280.258	280.247	280.248	1981
1982	280.219	280.188	280.189	280.276	280.398	280.378	280.348	280.282	---	---	---	280.311	---	1982
1983	280.288	280.248	280.259	280.384	280.681	280.924	280.830	280.737	280.502	280.418	280.363	280.295	280.518	1983
MEAN	280.348	280.359	280.344	280.442	280.648	280.704	280.607	280.525	280.419	280.388	280.611	280.389	280.485	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 28 22 N
LONG 99 57 00 W REGULATED

DAUPHIN LAKE AT OUTLET - STATION NO. 05LJ008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1948	---	280.478 ON JUN 7	---	1948
1949	---	280.799 ON JUN 22	---	1949
1950	---	280.686 ON MAY 28	---	1950
1951	---	280.610 ON MAY 26	---	1951
1952	---	---	279.842 ON OCT 3	1952
1953	---	281.438 ON JUN 27	---	1953
1954	---	---	280.317 ON APR 10	1954
1955	---	281.540 ON JUL 5	280.135 ON OCT 11	1955
1956	---	281.290 ON JUL 7	280.214 ON APR 14	1956
1957	---	280.939 ON MAY 19	280.128 ON SEP 15	1957
1958	---	280.634 ON MAY 12	279.748 ON SEP 29	1958
1959	---	280.839 ON AUG 1	279.842 ON OCT 10	1959
1960	---	---	279.909 ON OCT 30	1960
1961	---	280.287 ON JUN 20	279.198 ON SEP 28 *	1961
1962	---	280.104 ON JUN 12	279.434 ON NOV 3	1962
1963	---	---	279.898 ON JAN 1	1963
1965	---	280.732 ON NOV 4	279.812 ON MAY 25	1965
1966	281.228 AT 0320 CST ON MAY 21	281.150 ON MAY 21	280.125 ON OCT 31	1966
1967	281.037 AT 2300 CST ON MAY 21	280.891 ON MAY 21	280.193 ON OCT 24	1967
1968	280.633 AT 0100 CST ON JUN 20	280.686 ON MAY 8	280.267 ON MAY 15	1968
1969	280.933 AT 1309 CST ON JUL 21	280.838 ON JUL 7	280.077 ON NOV 13	1969
1970	281.398 AT 0326 CST ON JUN 25	281.140 ON MAY 23	280.228 ON OCT 8	1970
1971	280.870 AT 0718 CST ON JUL 7	280.717 ON JUN 18	280.025 ON OCT 8	1971
1972	281.118 AT 2327 CST ON MAY 14	280.881 ON MAY 14	279.918 ON OCT 18	1972
1973	280.955 AT 1327 CST ON JUL 11	280.494 ON JUN 3	280.141 ON SEP 1	1973
1974	282.043 AT 1733 CST ON JUN 4 *	281.942 ON JUN 5 *	280.455 ON NOV 13	1974
1975	---	---	---	1975
1976	281.582 AT 0838 CST ON JUN 4	281.418 ON JUN 25	280.283 ON NOV 2	1976
1977	280.784 AT 0856 CST ON NOV 12	280.534 ON NOV 12	280.113 ON JUN 30	1977
1978	280.787 AT 1258 CST ON JUN 9	280.589 ON MAY 15	279.812 ON NOV 5	1978
1979	281.777 AT 1404 CST ON JUN 5	281.443 ON JUN 5	280.198 ON NOV 1	1979
1980	280.701 AT 2255 CST ON MAY 26	280.418 ON APR 28	279.788 ON OCT 10	1980
1981	280.688 AT 1044 CST ON OCT 2	280.535 ON OCT 2	279.804 ON SEP 25	1981
1982	280.861 AT 1427 CST ON JUN 6	280.476 ON JUN 6	---	1982
1983	281.124 AT 0836 CST ON JUL 8	281.002 ON JUL 14	280.230 ON NOV 21	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DELORAINE RESERVOIR NEAR DELORAINE - STATION NO. 05NG014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	539.487	540.038	540.189	540.130	540.112	540.008	---	539.835	539.540	---	---	1984
1985	539.774	539.767	539.723	540.044	540.120	540.104	540.083	---	---	---	---	539.797	---	1985
1986	---	---	---	540.124	540.137	540.078	540.029	539.915	539.791	540.108	540.088	540.081	---	1986
1987	---	---	539.550	540.007	540.117	539.994	539.823	539.628	539.446	539.342	539.278	539.252	---	1987
1988	539.232	539.202	539.401	539.584	539.582	---	---	---	539.604	539.742	539.713	539.697	---	1988
1989	---	---	539.688	---	540.108	540.036	540.113	540.015	539.832	539.743	539.698	---	---	1989
1970	---	---	---	540.043	540.174	540.088	540.002	539.855	539.708	539.814	539.574	539.530	---	1970
1971	539.609	539.479	---	540.078	540.110	540.185	540.107	539.984	539.865	540.047	540.114	540.101	---	1971
1972	---	---	---	540.225	540.147	540.123	540.084	540.072	539.973	539.875	539.831	---	---	1972
1973	---	---	---	540.089	540.108	540.084	540.043	540.027	540.046	540.012	540.000	539.998	---	1973
1974	---	---	---	---	540.208	540.128	540.070	539.936	539.853	539.742	539.684	539.615	---	1974
1975	539.606	539.593	539.580	---	540.188	540.123	540.035	539.930	539.842	540.103	540.123	540.108	---	1975
1976	540.151	540.136	540.118	540.338	540.128	540.088	539.995	539.818	539.637	539.485	539.410	539.375	539.880	1976
1977	539.351	539.319	539.302	538.287	539.286	539.187	539.063	538.922	538.849	538.788	538.703	538.687	539.088	1977
1978	538.683	538.650	538.632	538.289	538.388	539.308	538.210	539.030	538.904	538.798	538.717	538.690	538.938	1978
1979	538.673	538.652	538.638	538.287	540.393	540.238	540.026	539.830	539.702	539.582	539.520	539.488	539.500	1979
1980	539.480	539.426	539.401	539.723	539.613	539.376	539.227	539.184	539.181	539.184	539.231	539.237	539.352	1980
1981	539.205	539.402	539.832	540.038	539.894	539.626	539.778	539.607	539.458	539.378	539.322	539.288	539.611	1981
1982	---	---	539.203	539.938	540.122	540.112	539.976	539.817	539.643	539.627	---	---	---	1982
1983	---	---	539.708	540.317	540.238	540.265	540.114	539.859	539.684	539.601	---	---	---	1983
MEAN	539.384	539.361	539.481	539.907	540.008	539.876	539.889	539.748	539.637	539.606	539.582	539.532	539.382	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 08 50 N
LONG 100 24 40 W REGULATED

DELORAINE RESERVOIR NEAR DELORAINE - STATION NO. 05NG014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	540.313 AT 0700 CST ON MAY 7	540.310 ON MAY 8	---	1984
1985	540.285 AT 0300 CST ON APR 14	540.261 ON APR 13	539.708 ON APR 1	1985
1986	540.181 AT 0900 CST ON APR 2	540.188 ON APR 3	---	1986
1987	540.178 AT 0415 CST ON APR 29	540.167 ON APR 29	539.243 ON DEC 14	1987
1988	---	---	---	1988
1989	---	540.447 ON APR 14	---	1989
1970	540.380 AT 1330 CST ON APR 29	540.385 ON APR 29	---	1970
1971	540.337 AT 0823 CST ON APR 8	540.322 ON APR 8	---	1971
1972	540.318 AT 0730 CST ON APR 19	540.318 ON APR 17	---	1972
1973	540.170 AT 1733 CST ON JUN 19	540.154 ON JUN 19	---	1973
1974	540.477 AT 1020 CST ON APR 21	540.453 ON APR 21	539.603 ON DEC 15	1974
1975	540.602 AT 1700 CST ON APR 28 *	540.541 ON APR 28 *	539.572 ON MAR 12	1975
1976	540.532 AT 0749 CST ON APR 9	540.523 ON APR 8	539.385 ON DEC 29	1976
1977	539.388 AT 0001 CST ON JAN 1	539.385 ON JAN 1	538.873 ON DEC 13	1977
1978	539.389 AT 0429 CST ON MAY 26	539.386 ON MAY 26	538.6188 ON MAR 24 *	1978
1979	540.419 AT 0848 CST ON MAY 18	540.417 ON MAY 18	538.625 ON APR 8	1979
1980	539.774 AT 2339 CST ON APR 19	539.772 ON APR 19	539.136 ON OCT 15	1980
1981	540.071 AT 0417 CST ON APR 6	540.083 ON APR 5	539.182 ON FEB 15	1981
1982	540.328 AT 0707 CST ON APR 13	540.2956 ON APR 13	---	1982
1983	540.476 AT 0015 CST ON APR 15	540.482 ON APR 15	539.601 ON MAR 2	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DENNIS LAKE NEAR MALONTON - STATION NO. 05SB801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	288.748	288.707	---	288.428	---	---	---	---	1983
MEAN	---	---	---	---	---	288.748	288.707	---	288.428	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 34 48 N
LONG 97 20 38 W REGULATED

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1966-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

DOG LAKE NEAR VOGAR - STATION NO. 05LN005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	248.042	247.975	247.885	247.778	247.780	247.735	---	---	---	1977
1978	---	---	---	---	247.800	247.782	247.758	247.642	247.605	247.570	---	---	---	1978
1979	---	---	---	---	248.157	248.235	248.097	247.823	247.805	247.744	---	---	---	1979
1980	---	---	---	247.753	247.888	247.557	247.505	247.573	247.810	247.778	---	---	---	1980
1981	---	---	---	247.804	247.720	247.698	247.681	247.650	247.608	247.635	---	---	---	1981
1982	---	---	---	---	---	---	247.788	247.688	247.630	247.555	247.534	---	---	1982
1983	---	---	---	247.578	247.881	247.700	247.690	247.570	247.458	247.488	---	---	---	1983
MEAN	---	---	---	247.712	247.853	247.818	247.759	247.681	247.658	247.638	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 02 30 N
LONG 98 36 31 W NATURAL FLOW

DOG LAKE NEAR VOGAR - STATION NO. 05LN005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	248.283E ON MAY 22 *	---	1979
1980	---	247.821 ON SEP 17	247.457 ON AUG 3 *	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	247.815 AT 0648 CST ON JUN 25 *	247.742 ON JUL 2	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FALCON LAKE AT FALCON LAKE - STATION NO. 05PD801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	327.373	327.587	---	---	---	---	---	1982
1984	---	---	---	---	327.228	---	327.223	---	327.111	---	---	---	---	1984
1985	---	---	---	---	---	327.394	---	---	327.211	327.347	---	---	---	1985
1986	---	---	---	---	---	327.362	---	---	327.185	---	---	---	---	1986
1987	---	---	---	---	327.345	327.270	327.279	---	---	327.072	---	---	---	1987
1988	---	---	---	---	327.307	327.358	327.308	327.238	327.213	327.198	---	---	---	1988
1989	---	---	---	---	327.348	327.298	327.305	327.278	327.219	327.188	---	---	---	1989
1970	---	---	---	---	327.570	327.570	327.378	327.244	327.217	327.188	---	---	---	1970
1971	---	---	---	---	327.388	327.298	327.225	327.185	327.153	327.112	---	---	---	1971
1972	---	---	---	---	327.350	327.258	327.182	327.110	327.082	327.038	---	---	---	1972
1978	---	---	---	---	---	327.283	327.193	327.120	---	---	---	---	---	1978
MEAN	---	---	---	---	327.359	327.343	327.272	327.248	327.174	327.148	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 40 45 N
LONG 95 18 45 W REGULATED SINCE 1963

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

FALCON LAKE AT FALCON LAKE - STATION NO. 05PD801

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1984	327.364R AT 1830 CST ON JUN 18	327.276 ON JUN 27	---	1984
1985	327.581R AT 0000 CST ON JUL 6	327.576 ON JUL 5	---	1985
1986	327.489R AT 1400 CST ON MAY 24	327.483 ON MAY 23	---	1986
1987	327.404R AT 1800 CST ON MAY 9	327.401 ON MAY 8	---	1987
1988	327.413R AT 1900 CST ON JUN 13	327.392 ON JUN 12	---	1988
1989	---	327.377 ON MAY 6	---	1989
1970	327.643R AT 0100 CST ON JUN 1 *	327.633 ON JUN 1 *	---	1970
1971	327.407R AT 2218 CST ON MAY 3	327.398 ON MAY 2	---	1971
1972	327.382R AT 2113 CST ON MAY 19	327.384 ON MAY 5	---	1972
1978	---	---	---	1978

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

FAMILY LAKE AT LITTLE GRAND RAPIDS - STATION NO. 05RD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	299.287	299.851	300.291	---	300.053	---	299.802	299.931	299.548	---	1916
1917	---	---	299.300	299.206	299.223	299.280	299.552	300.004	---	---	---	---	---	1917
1918	---	---	---	---	---	---	---	300.532	300.376	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	299.815	---	---	---	1919
1920	299.589	299.488	299.348	299.281	299.644	300.398	300.480	300.023	299.639	299.435	299.389	299.405	299.678	1920
1921	299.411	299.368	299.305	299.279	299.653	300.509	300.475	300.098	299.826	299.621	300.154	300.035	299.830	1921
1922	299.787	299.628	299.484	299.444	300.048	300.481	300.237	300.107	299.972	299.679	299.483	299.410	299.815	1922
1923	299.414	---	299.308	---	---	---	---	---	---	---	---	---	---	1923
1957	---	---	---	---	---	---	304.930	304.647	304.321	304.053	303.897	303.828	---	1957
1958	---	303.837	303.816	303.845	304.008	304.337	304.818	304.535	304.487	304.298	304.320	304.422	---	1958
1959	304.367	304.228	304.032	---	---	305.675	305.259	304.783	---	---	---	---	---	1959
1960	---	---	303.883	303.958	---	304.831	304.788	304.488	304.315	304.325	304.287	304.186	---	1960
1961	304.117	304.081	303.886	303.977	304.154	304.487	304.400	304.149	303.917	---	303.778	303.673	---	1961
1962	304.001	303.975	303.801	---	303.882	304.840	304.844	304.535	304.367	304.493	304.479	304.447	---	1962
1963	304.384	304.219	304.080	304.054	304.614	305.112	305.044	304.854	304.334	304.047	303.831	303.890	304.382	1963
1964	303.878	303.868	303.844	303.840	304.370	305.021	304.784	304.472	304.298	304.183	304.285	304.325	304.284	1964
1965	304.308	304.228	304.010	304.031	304.252	304.847	305.028	304.714	304.582	---	304.589	---	---	1965
1966	304.318	304.181	304.073	304.008	---	---	305.278	304.984	304.647	---	304.077	304.108	---	1966
1967	304.124	304.090	303.881	304.028	304.348	305.182	305.150	304.849	304.274	---	303.924	---	---	1967
1968	---	---	---	303.842	---	304.703	305.250	305.128	305.078	305.075	305.028	304.884	---	1968
1969	304.802	304.384	304.208	304.183	304.509	304.957	305.035	305.075	305.280	305.631	305.387	304.896	304.848	1969
1970	304.570	304.340	304.185	303.998	304.108	304.478	304.788	304.582	304.401	304.278	304.402	304.738	304.405	1970
1971	304.597	304.364	304.188	304.188	304.898	305.075	304.722	304.841	304.602	304.388	304.215	304.220	304.504	1971
1972	304.248	304.477	304.080	304.054	304.826	305.084	304.749	304.428	304.248	304.170	---	304.298	---	1972
1973	304.202	304.071	303.993	---	---	304.735	304.889	304.478	304.327	304.388	304.881	304.717	---	1973
1974	304.487	304.298	304.178	304.108	304.708	305.420	305.127	304.881	304.589	304.848	304.674	304.450	304.832	1974
1975	304.284	304.185	304.070	304.041	304.318	304.948	305.057	304.653	304.780	304.872	304.420	304.243	304.489	1975
1976	304.139	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	304.314	304.180	304.088	304.037	304.328	304.892	304.949	305.100	305.034	304.974	304.788	304.523	---	1978
1979	304.343	304.193	304.104	304.120	304.736	305.510	305.032	304.578	304.482	304.871	304.726	304.532	304.572	1979
1980	304.388	304.241	304.125	304.078	304.286	---	---	---	---	304.418	304.454	304.467	304.538	1980
1981	304.140	304.033	303.840	303.948	304.041	304.284	---	---	---	304.102	304.118	304.183	---	1981
1982	304.405	---	---	304.108	304.547	305.283	305.139	304.765	304.504	304.262	304.384	304.559	---	1982
1983	304.129	304.038	303.931	303.883	---	---	---	---	---	---	304.141	304.119	---	1983
MEAN	303.558	303.588	303.184	303.108	303.341	304.010	304.205	303.705	303.780	303.487	303.884	303.825	303.328	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 02 30 N
LONG 95 27 30 W NATURAL FLOW

FAMILY LAKE AT LITTLE GRAND RAPIDS - STATION NO. 05RD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1916	---			1916
1917	---	300.417 ON JUN 24	299.238 ON APR 13	1917
1918	---	---	299.178 ON APR 25 *	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	300.588 ON JUL 8	299.267 ON APR 13	1921
1922	---	300.684 ON JUN 21	299.267 ON APR 17	1922
1923	---	300.508 ON JUN 17	299.384 ON APR 16	1923
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	304.550 ON AUG 11	303.913 ON APR 19	1960
1961	---	305.812 ON JUN 9 *	303.773 ON NOV 5	1961
1962	---	---	---	1962
1963	---	304.956 ON JUN 23	303.888 ON DEC 9	1963
1964	---	304.535 ON JUN 16	303.840 ON MAR 19	1964
1965	---	304.943 ON JUN 28	303.959 ON MAR 20	1965
1966	---	305.224 ON JUN 25	303.983 ON APR 19	1966
1967	---	305.071 ON JUN 11	---	1967
1968	---	---	---	1968
1969	---	305.193 ON JUL 1	304.130 ON APR 10	1969
1970	---	---	---	1970
1971	---	305.513 ON JUN 23	303.985 ON APR 21	1971
1972	---	305.284 ON JUL 21	304.059 ON APR 4	1972
1973	---	305.890 ON OCT 18	303.989 ON APR 15	1973
1974	---	---	303.962 ON APR 3	1974
1975	---	304.827 ON JUL 13	304.082 ON APR 13	1975
1976	---	305.238 ON MAY 30	---	1976
1977	---	305.147 ON JUN 6	304.014 ON APR 12	1977
1978	305.018 AT 1852 CST ON OCT 18	304.815 ON JUN 23	---	1978
1979	305.178 AT 1845 CST ON AUG 4	305.528 ON JUN 18	---	1979
1980	305.834 AT 1030 CST ON JUN 13 *	---	304.017 ON APR 18	1980
1981	---	305.144 ON JUL 4	304.053 ON APR 12	1981
1982	---	---	---	1982
1983	305.385 AT 0028 CST ON JUN 25	305.001 ON OCT 18	304.036 ON APR 15	1983
	---	305.157 ON AUG 4	303.912 ON MAR 23	
		305.618 ON JUN 14	304.051 ON APR 5	
		---	---	

		305.354 ON JUN 25		

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISH LAKE AT OUTLET CONTROL STRUCTURE - STATION NO. 05SB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	259.851	259.910	259.974	259.970	259.830	259.690	259.939	---	---	---	1977
1978	---	---	---	---	260.818	260.491	260.347	260.146	259.904	259.858	---	---	---	1978
1979	---	---	---	---	260.884	260.585	260.330	260.073	259.909	259.707	---	---	---	1979
1980	---	---	---	---	260.039	259.808	259.654	259.589	259.659	259.894	---	---	---	1980
1981	---	---	---	---	---	---	---	---	259.524	---	---	---	---	1981
1982	---	---	---	---	---	260.215	260.183	260.144	---	---	---	---	---	1982
1983	---	---	---	---	---	259.952	259.840	259.548	259.452	259.434	---	---	---	1983
MEAN	---	---	---	259.851	260.308	260.174	260.084	259.885	259.723	259.688	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 44 48 N
LONG 97 19 08 W REGULATED SINCE 1965

REMARKS - PUBLISHED AS "CHATFIELD LAKE" PRIOR TO 1979; FROM 1979-83 PUBLISHED AS "NEAR MELEB"

FISH LAKE AT OUTLET CONTROL STRUCTURE - STATION NO. 05SB003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1974	---	261.087 ON MAY 24 *	---	1974
1976	---	---	---	1976
1977	---	260.875 ON APR 23	259.796 ON OCT 6 *	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	260.704 ON MAY 18	---	1980
1981	---	---	---	1981
1982	---	260.152 ON APR 25	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FOOTPRINT LAKE AT NELSON HOUSE - STATION NO. 05TF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1971	---	---	---	---	---	---	238.418	---	---	239.412	239.858	239.001	---	1971
1972	238.534	238.201	237.935	237.810	239.494	239.858	---	239.084	238.678	238.864	238.860	238.265	---	1972
1973	238.011	237.815	237.711	237.698	238.658	239.178	238.824	238.498	238.168	238.057	238.122	---	---	1973
1974	---	237.770	237.595	237.567	238.911	238.774	238.375	237.817	237.578	237.410	237.321	237.232	---	1974
1975	237.149	237.118	237.051	237.122	238.188	238.690	238.477	238.222	237.911	238.028	---	---	---	1975
1976	---	238.223	238.228	238.180	238.208	238.585	239.394	239.030	239.329	240.208	---	---	---	1976
1977	240.715	240.605	240.500	240.663	241.034	241.045	241.378	241.894	---	---	---	243.283	---	1977
1978	243.400	243.447	243.224	241.893	241.934	243.102	243.267	242.956	242.986	243.363	243.336	---	---	1978
1979	---	---	---	243.218	242.892	242.873	242.438	242.841	242.744	243.178	243.255	---	---	1979
1980	---	---	243.583	243.488	242.763	242.983	243.102	243.128	243.240	243.228	---	---	---	1980
1981	---	---	---	---	243.270	---	---	---	242.981	242.035	242.027	---	---	1981
1982	---	---	---	---	---	---	241.767	242.518	243.124	243.507	243.502	243.492	243.638	1982
1983	243.698	242.676	242.100	242.058	242.408	242.871	243.257	243.203	243.181	243.427	243.489	243.438	242.980	1983
MEAN	240.251	239.488	239.771	239.869	240.868	240.887	240.959	240.891	240.940	240.890	241.018	240.811	242.980	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 55 48 00 N DRAINAGE AREA, 1 440 km²
LONG 98 51 00 W REGULATED SINCE 1978

FOOTPRINT LAKE AT NELSON HOUSE - STATION NO. 05TF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1961	---	238.994 ON JUN 4	---	1961
1963	---			1963
1964	---	240.295 ON MAY 31	---	1964
1967	---	239.699 ON SEP 21	---	1967
1968	---	240.020 ON JUN 13	237.357 ON MAY 5	1968
1971	---	238.881 ON MAY 22	---	1971
1972	238.806 AT 1703 CST ON MAY 30	238.804 ON OCT 25	---	1972
1973	239.244 AT 1854 CST ON JUN 7	238.795 ON JUN 21	237.738 ON APR 23	1973
1974	238.081 AT 1800 CST ON MAY 18	239.234 ON JUN 7	237.561 ON APR 30	1974
1975	238.722 AT 1830 CST ON JUN 29	238.058 ON MAY 18	237.198 ON DEC 24 *	1975
1976	240.748 AT 1445 CST ON DEC 30	238.707 ON JUN 4	---	1976
1977	---	240.737 ON DEC 30	---	1977
1978	243.517 AT 1720 CST ON FEB 12	---	240.432 ON APR 5	1978
1979	---	243.489 ON JAN 23	241.489 ON MAY 1	1979
1980	---	---	242.124 ON JUL 30	1980
1981	---	---	---	1981
1982	---	---	242.491 ON MAY 24	1982
1983	243.743 AT 1920 CST ON DEC 31	243.735 ON DEC 31	241.973 ON NOV 4	1983
	243.868 AT 1800 CST ON JAN 9 *	243.857 ON JAN 9 *	---	
			242.027 ON APR 17	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GODS LAKE AT GODS LAKE MINE - STATION NO. 04AC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	181.858	181.501	181.408	181.418	181.472	181.394	181.209	181.141	---	---	---	---	1935
1936	---	---	---	---	181.177	181.484	181.831	181.687	181.630	181.671	181.553	181.462	---	1936
1937	181.378	181.289	181.187	181.055	181.299	181.819	182.278	182.325	182.172	182.045	181.953	181.870	181.723	1937
1938	181.791	181.721	---	---	---	181.817	182.088	182.195	182.075	181.887	181.564	181.388	---	1938
1939	181.252	181.133	181.017	180.857	180.895	181.210	181.700	181.932	181.888	181.886	181.557	181.530	181.390	1939
1940	181.476	181.377	181.288	181.185	181.181	181.466	181.529	181.469	181.347	181.189	181.025	180.976	181.269	1940
1941	180.818	180.865	180.852	---	---	181.633	181.794	181.814	181.682	181.534	181.387	181.383	---	1941
1942	181.342	181.228	181.312	181.242	181.120	181.259	181.420	181.548	181.781	181.914	181.891	181.810	181.499	1942
1943	181.701	181.644	181.545	181.445	181.514	181.655	181.761	181.734	184.683	181.645	181.622	181.589	181.628	1943
1944	181.528	181.418	181.280	181.158	181.123	181.048	181.085	181.152	181.150	181.108	181.120	---	---	1944
1947	---	---	---	---	---	---	---	---	---	182.380	182.248	182.105	---	1947
1948	181.832	181.773	181.586	181.478	181.381	181.267	181.234	181.181	180.950	180.788	---	180.611	---	1948
1949	180.580	180.555	180.532	180.514	180.582	---	---	---	---	---	---	182.064	182.347	1949
1950	182.278	182.054	181.828	---	181.704	---	---	---	---	---	---	181.880	181.820	1950
1951	181.738	181.625	181.507	181.400	181.519	181.675	181.788	181.844	---	182.181	182.215	182.139	---	1951
1952	181.943	181.738	181.575	181.434	181.478	181.733	182.129	182.510	182.713	182.684	182.514	182.434	182.074	1952
1953	182.223	181.995	181.786	181.627	181.609	181.636	182.131	182.314	182.221	181.940	181.808	181.745	181.921	1953
1954	181.839	181.631	181.431	181.335	181.286	---	181.572	181.631	181.537	181.409	181.328	181.287	---	1954
1955	181.283	---	181.201	181.184	181.435	181.784	182.187	182.502	182.427	182.878	182.187	181.988	---	1955
1956	181.802	181.684	181.587	181.498	181.471	181.573	181.886	181.678	181.542	181.392	181.301	181.222	181.533	1956
1957	181.154	181.097	181.053	181.030	181.113	181.281	181.540	181.665	181.582	181.463	181.342	181.207	181.286	1957
1958	---	181.113	181.046	181.008	181.030	181.115	181.220	---	181.491	181.476	181.485	181.438	---	1958
1959	181.462	181.448	181.381	181.357	181.545	182.219	182.783	182.806	182.585	182.510	182.403	182.236	182.085	1959
1960	182.052	181.918	181.783	181.648	181.572	181.854	181.736	181.884	181.550	181.410	181.281	181.235	181.625	1960
1961	181.184	---	---	180.780	180.889	180.938	180.935	180.882	180.823	180.782	180.786	180.789	---	1961
1962	180.814	---	---	180.757	---	181.001	181.171	181.211	181.283	---	---	181.278	---	1962
1963	181.265	181.245	181.207	181.182	181.275	181.529	181.814	181.900	181.762	181.633	---	181.534	---	1963
1964	---	---	---	---	---	---	181.597	181.825	---	---	---	---	---	1964
MEAN	181.510	181.483	181.337	181.206	181.288	181.495	181.700	181.779	181.705	181.693	181.673	181.577	181.640	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 54 40 15 N
LONG 94 08 50 W

NATURAL FLOW

GODS LAKE AT GODS LAKE MINE - STATION NO. 04AC004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1935	---	---	---	1935
1936	---	181.908 ON AUG 2	---	1936
1937	---	182.350 ON JUL 26	181.024 ON APR 23	1937
1938	---	182.226 ON AUG 5	---	1938
1939	---	181.963 ON AUG 17	180.786 ON APR 29	1939
1940	---	181.530 ON JUN 27	180.980 ON DEC 30	1940
1941	---	181.865 ON AUG 4	---	1941
1942	---	181.941 ON OCT 21	181.085 ON MAY 20	1942
1943	---	181.780 ON JUL 21	181.414 ON APR 21	1943
1944	---	181.554 ON JAN 1	181.021 ON JUN 11	1944
1947	---	---	---	1947
1948	---	182.011 ON JAN 1	180.581 ON DEC 29	1948
1949	---	182.365 ON DEC 26	180.506 ON APR 17 *	1949
1950	---	182.398 ON SEP 3	181.800 ON MAY 4	1950
1951	---	182.225 ON NOV 18	181.359 ON APR 28	1951
1952	---	182.740 ON SEP 17	181.408 ON APR 18	1952
1953	---	182.363 ON JAN 1	181.551 ON JUN 16	1953
1954	---	181.688 ON JAN 1	181.255 ON MAY 22	1954
1955	---	182.523 ON AUG 19	181.182 ON APR 3	1955
1956	---	181.917 ON JAN 1	181.182 ON DEC 31	1956
1957	---	181.678 ON AUG 8	181.021 ON APR 9	1957
1958	---	181.508 ON AUG 8	181.002 ON APR 8	1958
1959	---	182.917 ON JUL 28 *	181.332 ON MAR 30	1959
1960	---	182.100 ON JAN 1	181.218 ON DEC 28	1960
1961	---	181.213 ON JAN 1	---	1961
1962	---	181.328 ON OCT 3	---	1962
1963	---	181.956 ON JUL 27	181.183 ON MAR 20	1963
1964	---	---	---	1964

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GODS LAKE AT GODS LAKE NARROWS - STATION NO. 04AC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	---	---	---	---	179.373	---	---	---	1933
1934	---	---	---	---	---	---	180.644	---	---	180.433	---	---	---	1934
	ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM													
1945	---	---	---	---	---	---	---	---	28.058	27.933	27.887	---	---	1945
1946	27.681	27.556	27.385	27.276	27.414	27.584	27.755	27.636	27.834	27.775	27.610	27.515	27.603	1946
1947	27.478	27.418	27.323	27.216	27.264	27.770	28.241	28.425	28.452	---	---	---	---	1947
	ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM													
1968	---	---	---	---	---	---	179.874	---	---	---	---	---	---	1968
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	178.787	---	---	---	---	---	---	---	180.180	---	1969
1970	180.232	180.143	180.027	179.887	179.818	179.945	180.080	180.072	179.886	179.826	179.855	180.048	180.007	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	179.877	---	---	---	---	1972
1973	179.276	179.218	179.167	179.167	179.242	179.588	---	180.046	179.842	179.825	---	179.878	---	1973
1974	179.840	179.688	179.760	179.853	179.894	179.927	180.055	180.090	179.884	179.847	179.712	---	---	1974
1975	---	---	---	---	---	---	179.700	179.871	179.880	---	---	---	---	1975
1976	---	---	---	179.521	179.440	179.439	179.428	179.408	179.374	179.268	---	---	---	1976
1977	---	---	---	---	---	179.070	179.062	179.064	179.106	179.161	179.218	179.268	---	1977
1978	---	---	---	---	---	179.384	179.431	179.491	179.521	179.654	179.610	179.821	---	1978
1979	179.916	---	---	---	---	180.205	180.617	180.701	180.496	180.328	180.250	180.185	---	1979
1980	---	---	---	---	---	179.681	179.624	179.530	179.457	179.432	---	---	---	1980
1981	---	---	---	---	---	179.315	179.366	179.408	179.357	179.366	179.462	---	---	1981
1982	---	---	---	---	---	---	179.894	179.838	---	179.869	179.839	179.836	---	1982

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 33 20 N
LONG 94 28 40 W NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

REMARKS - WATER LEVELS FOR THE PERIOD 1945-47 WERE RELATED TO AN ASSUMED DATUM

GODS LAKE AT GODS LAKE NARROWS - STATION NO. 04AC001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1933	---		---	1933
1934	---	178.467 ON DEC 20		1934
		180.678 ON AUG 4	---	
	ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM			
1945	---			
1946	---	---		
1947	---		---	
		27.889 ON SEP 23		1945
		28.511 ON AUG 23	27.249 ON APR 20	1946
	ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM		27.170 ON MAY 5	1947
1955	---			

1958	---		---	
1959	---	180.481 ON SEP 5		1959
		180.250 ON DEC 30	---	
1970	---		178.548 ON AUG 24	1968
1971	---	180.289 ON JAN 12		1969
1972	---	180.281 ON AUG 15	178.780 ON MAY 6	
1973	---	---	---	1970
1974	181.835 AT 0948 CST ON AUG 19	180.070 ON AUG 15	---	1971
	181.892 AT 1058 CST ON AUG 7	180.131 ON AUG 7	178.135 ON APR 18	1972
1975	---		---	1973
1976	---	---		1974
1977	---	---	---	
1978	181.713 AT 1830 CST ON DEC 29	178.278 ON DEC 17	---	1975
1979	182.538 AT 0730 CST ON AUG 2	179.852 ON DEC 29	---	1976
		180.788 ON AUG 2	---	1977
1980	---		---	1978
1981	---	180.108A ON JAN 3		1979
1982	---	---	---	
		---	---	1980
			---	1981
			---	1982

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

GODS LAKE AT OUTLET OF GODS LAKE - STATION NO. 04AC008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	178.848	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	178.837	---	---	---	1961
1962	---	---	---	---	---	---	---	178.106	178.038	178.844	---	---	---	1962
1963	---	---	---	---	178.058	178.263	178.423	178.462	178.544	178.844	178.482	---	---	1963
1964	---	---	---	---	178.827	178.865	180.118	180.107	178.893	178.887	---	---	---	1964
					---	178.894	178.838	---	---	---	---	---	---	
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	178.804	---	---	---	---	---	---	---	1966
1967	---	---	178.678	178.626	178.615	---	---	---	---	180.375	180.227	180.100	---	1967
1968	---	---	---	178.437	178.470	178.607	180.171	180.388	180.448	180.694	180.385	180.137	---	1968
1969	180.121	178.988	178.838	178.704	178.812	178.588	178.595	---	---	180.394	180.394	180.312	180.226	1969
1970	180.236	180.148	180.018	178.855	178.811	178.826	180.058	180.072	178.988	178.776	178.936	178.983	180.233	1970
1971	---	---	---	---	---	---	180.245	180.256	180.141	178.911	178.771	---	---	1971
1972	---	---	---	---	---	---	178.784	178.812	178.678	178.638	178.630	178.381	---	1972
1973	178.288	178.234	178.178	178.184	178.240	178.572	178.887	180.028	178.824	178.920	178.885	178.888	178.818	1973
1974	---	---	---	---	---	---	180.058	180.108	178.988	178.848	178.743	178.848	---	1974
1975	178.584	178.484	178.425	178.343	178.378	178.538	178.672	178.658	178.883	180.050	180.028	178.889	178.884	1975
1976	178.488	178.777	178.640	178.524	178.461	178.431	178.427	178.411	178.382	178.288	178.188	178.128	178.484	1976
1977	178.084	178.049	178.023	178.008	178.078	178.105	178.083	178.043	178.116	178.184	178.213	178.233	178.102	1977
1978	178.246	---	---	178.212	178.243	178.377	178.435	178.494	178.508	---	---	---	---	1978
1979	---	178.878	178.778	178.661	178.748	180.184	180.588	---	---	180.318	180.257	180.190	---	1979
1980	180.078	178.853	178.810	178.686	178.686	178.880	178.818	178.542	178.485	178.425	178.427	178.445	178.850	1980
1981	178.430	178.381	178.318	178.248	178.281	178.317	178.393	178.404	178.384	178.383	178.482	178.552	178.373	1981
1982	178.884	178.830	178.478	178.405	178.475	178.582	---	---	---	178.888	178.824	178.837	---	1982
1983	178.808	178.743	178.682	178.587	178.871	180.090	180.330	180.387	180.258	180.085	178.938	178.838	178.851	1983
MEAN	178.887	178.853	178.571	178.481	178.458	178.537	178.818	178.778	178.828	178.788	178.784	178.741	178.550	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
APPLY -1.750 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 54 49 47 N
LONG 94 05 00 W

NATURAL FLOW

GODS LAKE AT OUTLET OF GODS LAKE - STATION NO. 04ACG06

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	179.685 ON SEP 22	---	1962
1963	180.484 AT 1800 CST ON AUG 6 *	180.181 ON AUG 7	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	180.484R AT 1530 CST ON SEP 23	180.482 ON SEP 13 *	179.398 ON MAY 1	1968
1969	---	180.284 ON DEC 31	179.538A ON AUG 30	1969
1970	---	180.287A ON JAN 8	179.760 ON MAY 5	1970
1971	180.313 AT 1200 CST ON AUG 18	180.280 ON AUG 15	---	1971
1972	179.650R AT 1346 CST ON JUL 30	179.647 ON JUL 30	---	1972
1973	180.068R AT 1635 CST ON AUG 17	180.080 ON AUG 18	179.137 ON APR 20	1973
1974	180.149R AT 1900 CST ON AUG 10	180.136 ON AUG 10	---	1974
1975	180.130R AT 0930 CST ON OCT 19	180.088 ON OCT 19	179.316 ON APR 28	1975
1976	179.935R AT 1230 CST ON JAN 2	179.926 ON JAN 1	179.109 ON DEC 29	1976
1977	179.265R AT 0000 CST ON DEC 25	179.249 ON DEC 23	178.961 ON APR 11 *	1977
1978	---	---	---	1978
1979	---	---	179.835 ON APR 17	1979
1980	180.145 AT 0001 CST ON JAN 1	180.142 ON JAN 1	179.400 ON OCT 10	1980
1981	179.583R AT 0843 CST ON DEC 25	179.576 ON DEC 25	179.218 ON APR 20	1981
1982	---	---	179.368 ON APR 24	1982
1983	180.418 AT 1130 CST ON AUG 4	180.401 ON AUG 3	179.547 ON APR 24	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
APPLY -1.750 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GRACE LAKE NEAR THE PAS - STATION NO. 05KJ002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	260.310	260.353	260.387	260.404	---	1982
1983	---	---	260.488	260.518	---	---	---	260.398	---	---	---	---	---	1983
MEAN	---	---	260.488	260.518	---	---	---	260.398	260.310	260.353	260.387	260.404	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 48 00 N
LONG 101 12 00 W REGULATED SINCE 1955

GRACE LAKE NEAR THE PAS - STATION NO. 05KJ002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	260.481 ON MAY 7 *	260.212 ON SEP 11 *	1981
1982	---	---	260.289 ON SEP 26	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRANVILLE LAKE AT PICKEREL NARROWS - STATION NO. 05ED002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	---	---	---	259.873	259.595	---	1951
1952	259.484	259.353	259.300	259.276	259.339	259.314	259.321	259.293	259.230	---	259.323	259.308	---	1952
1953	259.209	259.139	259.137	259 134	259.544	259.710	---	---	---	---	---	---	---	1953
1954	259.380	259.330	259.269	259.198	---	---	---	---	259.472	259.526	259.425	259.410	---	1954
							259.858	259.955	---	---	---	---	---	
1955	---	259.714	259.574	259.613	260.315	260.574	260.461	260.207	---	259.719	---	259 879	---	1955
1956	259.853	259.756	259.667	259.561	259 723	260.021	259.574	259.204	---	---	259.991	259 037	---	1956
1957	259.083	---	---	259.928	259.479	259.974	259.981	---	259.878	259.713	259.562	259 474	---	1957
1958	259.488	259.491	259 429	259 472	259.956	260.138	260.152	---	---	260.189	260.048	259 847	---	1958
1959	259.724	259.603	259.485	259.404	259.832	260.877	261.218	261.190	---	260.578	260.295	259.930	---	1959
1960	259.872	259.558	259.518	259.478	259.763	260.693	261.217	261.308	260.945	260.843	260.320	259 958	260.259	1960
1961	259.784	259.560	259.564	259 611	260.042	---	---	---	259 590	259 423	259.549	259 499	---	1961
1962	259.508	259.550	259.559	259 519	260 178	261.311	260.684	---	259 849	259.768	259.699	259.641	---	1962
1963	259.614	259.655	259.721	259 723	260.155	260.426	---	---	---	260 179	259.999	259.804	---	1963
1964	259.672	259.624	259.603	259.589	260.077	260.271	---	---	260 515	260.762	260.459	260 195	---	1964
1965	259.992	259.829	---	259.887	260.236	260.636	260.430	---	260 105	260.141	260.126	260 045	---	1965
1966	259 925	259.826	259.781	259 785	259 949	260.478	260.623	---	259 802	259 494	259.453	259 457	---	1966
1967	259.379	259.427	259.512	259 512	259 801	260.293	260.292	---	259 628	259.555	259.393	259.487	---	1967
1968	259.567	259.612	259.681	259 636	259.919	260.078	259.848	---	259 562	259 809	259.810	259 677	---	1968
1969	259.607	259.637	259.611	259 606	259.985	---	259.739	---	260 056	260.436	260.177	259.886	---	1969
1970	259.741	259.675	259.629	259 550	259.780	260.180	260.547	---	260 124	259.927	259.820	259.785	---	1970
1971	259.715	259.648	259.602	259.194	259.606	259.858	---	---	260 809	261 205	260.921	260.425	---	1971
1972	260.205	260.116	260.076	259.998	260.519	260.813	---	---	260.022	260 089	260.108	260.022	---	1972
1973	259.973	259.961	259.929	259.861	260.102	260.402	260.302	---	260.019	259 983	259.984	259.978	---	1973
1974	259.914	259.836	259.771	259.842	260.523	---	261.248	---	261.180	261.010	---	260 478	---	1974
1975	260.277	260.122	260.132	260.103	260.514	261.036	260.944	---	260 809	260 544	260.332	260.004	---	1975
1976	259.844	259.856	259.872	259.886	259.859	259.755	260.350	---	260.818	261 015	261.048	260.678	---	1976
1977	260.389	260.236	260.206	260.236	260.729	261.171	261.370	261.474	261.376	260 941	260.680	260.284	260 741	1977
1978	260.177	260.185	260.159	260.085	260.243	260.382	260.419	260.353	260.377	260 536	260.937	260 626	260 373	1978
1979	260.382	260.203	260.211	260.119	260.148	260.597	260.459	260.014	259.813	259 898	260.170	260.169	260.182	1979
1980	---	---	---	---	---	---	260.019	259.900	260.012	260.173	260.385	260.267	260.143	---	1980
1981	260.127	260.087	259.986	259.859	259.989	260.084	259.755	259.451	259.240	259.275	259.422	259.477	259.725	1981
1982	259.431	---	---	---	---	259.948	259.679	259.552	259.611	259.426	259.216	259.376	---	1982
1983	259.585	---	---	---	---	---	259.818	259.703	259.747	260.289	260.287	260.124	---	1983
MEAN	259.754	259 738	259.695	259.636	260.004	260.338	260.322	260.140	260.110	260.152	259.983	259.864	260.258	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 56 13 40 N
LONG 100 35 00 W

DRAINAGE AREA, 242 000 km²
REGULATED SINCE 1926

GRANVILLE LAKE AT PICKEREL NARROWS - STATION NO. 05ED002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	259.504 ON JAN 1	259.196 ON SEP 15	1953
1954	---	---	259.104 ON FEB 16	1954
1955	---	---	---	1955
1956	---	260.656 ON JUN 8	259.531 ON MAR 23	1956
1957	---	260.355 ON JUN 8	259.937 ON OCT 22	1957
1958	---	260.267 ON AUG 19	259.882 ON APR 16 *	1958
1959	---	260.202 ON OCT 17	259.367 ON APR 11	1959
1960	---	261.272 ON AUG 3	259.388 ON APR 28	1960
1961	---	261.378E ON AUG 3	259.415 ON MAY 7	1961
1962	---	260.598 ON JUN 15	259.357 ON OCT 22	1962
1963	---	261.436 ON JUN 9	259.485 ON JAN 1	1963
1964	---	---	259.598 ON JAN 4	1964
1965	---	---	259.574 ON APR 11	1965
1966	---	260.674 ON JUN 8	259.629 ON APR 27	1966
1967	---	260.741 ON JUL 8	259.406 ON DEC 31	1967
1968	---	260.367 ON JUN 19	259.370 ON JAN 25	1968
1969	---	260.153 ON JUN 4	259.498 ON AUG 28	1969
1970	---	260.470 ON OCT 17	---	1970
1971	---	---	259.525 ON APR 24	1971
1972	---	261.299 ON OCT 19	259.150 ON APR 15	1972
1973	---	260.845 ON JUN 7	259.958 ON SEP 19	1973
1974	---	260.421 ON JUN 18	259.639 ON MAY 2	1974
1975	---	261.387 ON AUG 1	259.787 ON MAR 18	1975
1976	---	261.122 ON JUN 27	259.886 ON DEC 31	1976
1977	---	261.101 ON OCT 30	259.890 ON JUN 19	1977
1978	---	261.494 ON AUG 10 *	260.122 ON APR 14	1978
1979	---	261.012 ON NOV 13	260.025 ON APR 27	1979
1980	260.402 AT 1530 CST ON OCT 18 *	260.671 ON JUN 27	259.775 ON SEP 27	1980
1981	260.178 AT 0110 CST ON MAY 29	260.401 ON OCT 21	259.864A ON JUL 21	1981
1982	259.977 AT 0040 CST ON JUL 6	260.173 ON MAY 28	259.191 ON SEP 23	1982
1983	260.385 AT 1520 CST ON OCT 26	259.972 ON JUL 5	---	1983
		260.389 ON OCT 23	---	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ISLAND LAKE AT HYER'S TRADING POST - STATION NO. 04AC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	227.807	227.853	---	228.257	228.203	---	---	228.213	228.334	228.274	---	1935
1936	228.148	228.004	227.905	227.807	227.774	228.320	228.840	228.321	228.127	228.034	227.971	227.823	228.073	1936
1937	227.858	227.807	227.749	227.722	228.368	228.970	228.882	228.667	228.345	228.310	228.336	228.294	228.268	1937
1938	228.184	228.043	227.938	227.876	228.235	228.498	228.654	228.457	228.298	228.136	227.997	227.931	228.178	1938
1939	227.859	227.792	227.741	227.695	227.776	228.151	---	228.389	228.217	228.103	---	228.013	---	1939
1940	227.955	227.878	227.801	227.750	227.879	228.203	228.216	228.102	227.960	---	---	---	---	1940
MEAN	227.987	227.904	227.840	227.789	228.028	228.400	228.479	228.367	228.187	228.158	228.160	228.087	228.173	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 53 58 00 N
LONG 94 46 00 W NATURAL FLOW

ISLAND LAKE AT HYER'S TRADING POST - STATION NO. 04AC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1935	---	228.350 ON NOV 22	227.841 ON APR 18	1935
1936	---	228.588 ON JUL 7	227.698 ON MAY 24	1936
1937	---	229.060 ON JUN 26 *	227.686 ON APR 14	1937
1938	---	228.579 ON JUL 7	227.868 ON APR 13	1938
1939	---	228.567 ON JUL 18	227.678 ON APR 20 *	1939
1940	---	228.253 ON JUN 29	---	1940

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ISLAND LAKE NEAR ISLAND LAKE - STATION NO. 04AC007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1934	---	---	---	---	---	---	---	---	---	---	---	---	---	1934
1940	---	---	---	---	---	---	---	---	---	227.905	227.899	227.876	---	1940
1941	227.845	227.815	227.785	227.771	228.308	228.581	228.481	228.277	228.058	227.959	227.881	227.827	228.051	1941
1942	227.809	227.781	227.775	227.784	227.953	228.062	228.103	228.183	228.231	228.156	228.069	228.011	227.985	1942
1943	227.948	227.898	227.816	227.764	228.078	228.312	228.316	228.212	228.189	228.185	228.111	228.039	228.072	1943
1944	---	---	---	227.738	227.840	227.940	228.078	228.048	228.081	228.180	228.138	228.078	---	1944
1945	228.005	227.928	227.850	227.837	228.043	228.514	228.823	228.682	228.468	228.383	228.307	228.235	228.260	1945
1946	228.078	227.978	---	---	228.223	228.336	228.518	228.577	228.380	228.256	228.203	228.104	---	1946
1947	228.035	---	227.868	227.786	227.966	228.608	228.908	228.701	228.588	228.539	228.413	228.268	---	1947
1948	---	228.017	227.815	227.831	227.873	227.988	227.833	227.928	---	227.736	---	---	---	1948
1949	---	---	---	---	227.836	228.107	228.199	228.245	228.322	228.719	228.777	228.636	---	1949
1950	228.448	---	228.108	227.987	228.080	228.847	---	---	---	---	228.324	228.227	---	1950
1951	228.111	228.007	227.824	227.878	228.255	228.397	---	---	---	228.605	228.539	228.371	---	1951
1952	228.204	228.087	227.942	227.920	228.314	228.586	228.834	228.685	228.800	228.710	228.608	228.472	228.448	1952
1953	228.285	228.142	228.018	227.943	228.144	---	---	228.585	---	228.258	---	228.165	---	1953
1954	228.083	227.998	227.908	---	227.918	228.298	---	---	---	---	228.087	228.081	---	1954
1955	228.018	227.941	227.888	227.899	---	---	---	---	---	228.348	---	228.254	---	1955
1956	228.180	228.081	227.971	227.888	227.970	228.550	---	---	---	---	227.984	228.008	---	1956
1957	227.974	227.908	227.867	227.824	---	228.458	---	228.459	---	---	227.899	227.918	---	1957
1958	227.854	227.807	227.767	227.835	---	---	---	---	---	228.121	228.133	228.145	---	1958
1959	228.077	---	227.886	227.837	---	229.108	---	---	---	---	228.282	228.204	---	1959
1960	228.101	228.007	227.913	227.867	228.074	228.488	---	---	---	228.041	227.986	227.938	---	1960
1961	227.859	227.784	227.731	227.710	227.858	---	---	---	---	227.728	227.787	227.838	---	1961
1962	227.830	227.782	227.725	227.678	227.977	228.374	---	---	227.987	227.953	227.861	227.983	---	1962
1963	227.974	227.818	227.871	227.848	228.228	---	---	228.282	228.205	228.118	228.043	227.981	---	1963
1964	227.920	227.848	227.816	227.798	228.327	228.554	---	228.226	228.072	227.978	227.819	227.885	---	1964
1965	227.852	227.781	227.748	227.748	228.075	---	---	---	---	228.639	228.589	228.486	---	1965
1966	---	228.387	---	---	---	---	---	---	228.418	228.268	---	---	---	1966
1967	228.065	227.891	---	227.900	228.138	---	229.010	228.767	228.418	228.218	---	---	---	1967
1968	---	227.861	227.874	227.813	---	---	228.657	---	---	---	228.408	228.310	---	1968
1969	228.185	228.068	227.970	227.941	228.134	228.305	---	228.250	228.508	228.838	228.778	228.577	---	1969
1970	228.378	228.214	228.063	227.967	228.149	228.345	228.536	228.450	228.272	228.284	228.386	228.385	228.288	1970
1971	228.288	228.178	228.070	228.028	228.451	---	228.803	228.480	228.218	---	---	---	---	1971
1972	---	---	---	227.788	228.223	228.420	228.311	228.201	228.042	227.985	227.925	227.895	---	1972
1973	227.887	227.824	227.787	227.782	228.187	228.508	228.640	228.388	228.185	228.178	228.250	228.223	228.144	1973
1974	228.088	---	---	227.921	228.131	228.442	228.371	228.320	228.178	228.089	228.004	227.988	---	1974
1975	227.972	227.928	227.881	227.834	228.088	228.508	228.495	228.452	228.448	228.430	228.321	228.208	228.218	1975
1976	228.118	228.030	227.932	227.895	227.983	---	---	---	---	227.813	---	---	---	1976
1977	---	---	---	---	---	---	227.881	228.107	228.148	228.162	228.101	---	---	1977
1978	227.986	227.900	227.850	227.858	---	---	228.150	228.130	228.118	228.290	228.436	228.388	---	1978
1979	228.262	228.113	228.011	227.985	228.288	228.788	---	---	228.418	228.345	228.372	228.315	---	1979
1980	228.208	228.107	228.017	---	---	---	---	---	---	227.821	227.988	228.025	---	---	---	1980
1981	---	---	---	227.783	227.878	228.028	---	---	---	228.000	228.023	228.107	---	---	---	1981
1982	---	---	---	---	---	---	228.436	228.420	228.298	228.208	---	---	---	---	---	1982
1983	---	---	---	---	228.303	228.667	228.733	228.551	228.318	228.175	228.129	228.085	---	---	---	1983
MEAN	228.057	227.974	227.881	227.847	228.102	228.423	228.455	228.381	228.260	228.210	228.202	228.155	228.184	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 53 52 00 N
LONG 94 40 28 W NATURAL FLOW

ISLAND LAKE NEAR ISLAND LAKE - STATION NO. 04AC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1934	---	228.665 ON JUN 18	---	1934
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	228.627 ON JUN 7	227.783 ON APR 15	1942
1943	---	228.263 ON AUG 28	227.762 ON APR 8	1943
1944	---	228.335 ON JUL 1	227.726 ON APR 19	1944
		228.182 ON OCT 18	227.701 ON APR 23	
1945	---	---	---	1945
1946	---	228.853 ON JUL 19	227.829 ON MAR 23	1946
1947	---	228.655 ON JUL 30	---	1947
1948	---	228.980 ON JUL 11	227.750 ON APR 28	1948
1949	---	---	---	1949
		228.818 ON OCT 30	---	
1950	---	---	---	1950
1951	---	---	227.945 ON MAY 4	1951
1952	---	228.637 ON OCT 17	227.885 ON APR 22	1952
1953	---	228.951 ON AUG 4	227.872 ON APR 14	1953
1954	---	---	227.914 ON APR 22	1954
		228.417 ON JUL 7	227.783 ON MAY 7	
1955	---	---	---	1955
1956	---	228.673 ON JUL 18	227.828 ON APR 6	1956
1957	---	228.827 ON JUN 26	227.838 ON MAY 2	1957
1958	---	228.648 ON JUL 13	227.788 ON APR 19	1958
1959	---	228.423 ON JUN 16	227.747 ON MAR 30	1959
		228.170 ON JUN 30 *	227.820 ON APR 25	
1960	---	---	---	1960
1961	---	228.533 ON JUN 18	227.844 ON MAY 3	1961
1962	---	228.008 ON JUN 11	227.698 ON APR 16	1962
1963	---	228.405 ON JUN 18	227.687 ON APR 25 *	1963
1964	---	228.656 ON JUN 28	227.838 ON MAR 28	1964
		228.597 ON JUN 2	227.788 ON APR 9	
1965	---	---	---	1965
1966	---	---	227.740 ON MAR 22	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
	228.902 AT 1558 CST ON OCT 23 *	228.902 ON OCT 23	227.902 ON APR 11	
1970	228.882 AT 0848 CST ON JUL 28	---	---	1970
1971	---	228.579 ON JUL 21	227.848 ON APR 22	1971
1972	228.488 AT 2136 CST ON JUN 13	---	---	1972
1973	228.570 AT 2330 CST ON JUL 11	228.451 ON JUN 18	---	1973
1974	228.478 AT 0360 CST ON JUN 21	228.563 ON JUL 11	227.782 ON APR 4	1974
		228.472 ON JUN 20	---	
1975	228.597 AT 0111 CST ON JUN 27	---	---	1975
1976	---	228.591 ON JUN 28	227.817 ON APR 17	1976
1977	228.173 AT 1748 CST ON SEP 16	---	---	1977
1978	228.483 AT 2017 CST ON NOV 16	228.173 ON OCT 9	---	1978
1979	228.877 AT 1830 CST ON JUN 27	228.480 ON NOV 16	227.838 ON MAR 23	1979
		228.871 ON JUN 28	227.935 ON APR 15	
1980	---	---	---	1980
1981	---	---	227.778 ON APR 18	1981
1982	228.474 AT 1830 CST ON JUN 23	228.466 ON JUN 23	---	1982
1983	228.780 AT 1348 CST ON JUN 18	228.760 ON JUL 15	227.867 ON APR 20	1983

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKFISH LAKE ABOVE JACKFISH LAKE DAM - STATION NO. 05LJ807

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	595.384	595.135	595.164	---	---	---	---	1983
MEAN	---	---	---	---	---	---	595.384	595.135	595.164	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 23 58 N
LONG 100 48 05 W REGULATED

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

JACKSON LAKE NEAR SYDNEY - STATION NO. 05LL802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	358.020	---	---	---	---	---	---	1983
MEAN	---	---	---	---	---	---	358.020	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 52 11 N
LONG 99 02 08 W REGULATED SINCE 1968

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA FOR THE PERIOD 1971-82 MAY BE OBTAINED FROM THE MANITOBA WATER RESOURCES BRANCH

KENTON RESERVOIR NEAR KENTON - STATION NO. 05ME803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	441.256	441.192	441.028	440.928	440.872	---	---	---	1983
MEAN	---	---	---	---	---	441.256	441.192	441.028	440.928	440.872	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 58 36 N
LONG 100 38 04 W REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

KILLARNEY LAKE AT KILLARNEY - STATION NO. 05DA803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	491.810	491.807	492.148	---	---	---	1959
1960	---	---	---	---	492.418	492.385	492.191	492.040	491.894	---	---	---	---	1960
1961	---	---	---	492.082	492.220	492.108	491.947	491.784	491.670	---	---	---	---	1961
1962	491.532	491.532	491.548	492.088	492.298	492.536	492.420	492.305	492.246	492.152	492.117	492.112	492.076	1962
1963	492.094	492.070	492.133	492.528	492.380	492.481	492.336	492.208	492.115	492.018	491.933	491.815	492.185	1963
1964	491.903	491.868	491.884	---	492.438	492.289	492.281	492.180	492.111	492.078	492.058	492.048	---	1964
1965	492.044	492.023	491.988	492.544	492.518	492.447	492.350	492.381	492.304	492.302	492.282	492.257	492.285	1965
1966	492.256	492.248	492.409	492.578	492.548	492.398	492.368	492.243	492.182	492.038	491.992	491.967	492.266	1966
1967	491.958	491.955	491.971	492.412	492.526	492.389	492.227	492.050	491.877	491.831	491.786	491.778	492.082	1967
1968	491.783	491.745	491.896	492.155	492.309	492.273	492.196	492.174	492.387	492.299	492.293	492.282	492.149	1968
1969	492.259	492.256	492.278	492.550	492.443	492.306	492.406	492.263	492.121	492.037	492.036	492.022	492.258	1969
1970	492.008	491.994	491.988	492.376	492.530	492.363	492.281	492.189	492.038	491.956	491.912	491.880	492.128	1970
1971	491.868	491.848	491.853	492.563	492.553	492.527	492.495	492.255	492.133	492.110	492.098	492.132	492.221	1971
1972	492.172	492.178	492.388	492.612	492.478	492.433	492.367	492.298	492.205	492.123	492.073	492.074	492.283	1972
1973	492.063	492.030	492.017	491.989	492.068	492.181	492.248	492.253	492.304	492.318	492.298	492.278	492.170	1973
1974	492.258	492.245	492.280	492.371	492.804	492.854	492.893	492.293	492.196	492.084	492.041	492.020	492.295	1974
1975	492.006	492.033	492.057	492.259	492.757	492.814	492.437	492.270	492.233	492.110	492.074	492.049	492.243	1975
1976	492.022	492.002	492.022	492.567	492.521	492.449	492.276	492.009	491.857	491.758	491.736	491.711	492.077	1976
1977	491.688	491.724	491.752	491.896	491.713	491.773	491.756	491.725	491.636	491.580	---	---	---	1977
1978	491.907	---	---	---	492.309	492.291	492.200	492.045	491.929	491.845	491.790	491.781	---	1978
1979	---	---	---	---	---	---	492.206	492.052	491.933	491.857	491.806	491.790	---	1979
1980	491.786	491.763	491.771	492.070	492.068	491.910	491.785	491.781	491.834	491.902	492.118	492.179	491.916	1980
1981	492.168	---	---	---	492.410	---	492.378	---	---	---	---	492.250	---	1981
1982	492.238	492.217	492.227	---	---	492.390	492.314	---	---	492.128	---	492.278	---	1982
1983	492.262	492.290	492.371	492.572	492.416	492.347	492.317	492.131	492.015	491.982	491.923	491.803	492.211	1983
MEAN	491.995	492.003	492.045	492.341	492.392	492.346	492.264	492.118	492.042	492.028	492.018	492.034	492.177	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 10 30 N
LONG 99 40 12 W

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

KILLARNEY LAKE AT KILLARNEY - STATION NO. 05DA803

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	492.663 ON JUN 17	491.524 ON JAN 28 *	1962
1963	---	492.624 ON APR 12	491.808 ON DEC 5	1963
1964	---	---	---	1964
1965	---	492.901 ON APR 16	491.984 ON MAR 31	1965
1966	---	492.682 ON APR 5	491.958 ON DEC 27	1966
1967	---	492.606 ON MAY 2	491.787 ON DEC 6	1967
1968	---	492.441 ON SEP 9	491.736 ON FEB 28	1968
1969	---	492.884 ON APR 13 *	492.014 ON DEC 30	1969
1970	---	492.587 ON MAY 6	491.880 ON DEC 28	1970
1971	---	492.810 ON APR 23	491.837 ON APR 1	1971
1972	---	492.642 ON APR 15	492.060 ON NOV 30	1972
1973	---	492.328 ON SEP 27	491.988 ON MAY 3	1973
1974	---	492.897 ON MAY 31	492.008 ON DEC 31	1974
1975	---	492.765 ON MAY 6	491.989 ON JAN 11	1975
1976	---	492.718 ON APR 14	491.697 ON DEC 31	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	492.188 ON DEC 2	491.742 ON AUG 1	1980
1981	---	---	---	1981
1982	---	492.810 ON APR 21	492.005 ON SEP 26	1982
1983	---	492.838 ON APR 8	491.894 ON DEC 26	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISKITTO LAKE NEAR NORWAY HOUSE - STATION NO. 05UB013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	213.056	213.317	---	---	---	---	---	---	212.742	212.488	212.111	212.580	---	1972
1973	212.851	---	---	---	---	---	213.280	212.952	212.556	212.258	212.121	212.291	---	1973
1974	212.001	212.055	212.092	212.111	212.322	212.408	212.408	212.388	212.333	212.293	212.273	212.256	212.244	1974
1975	212.250	212.233	212.210	212.183	212.343	212.497	212.497	212.548	212.642	212.749	212.819	---	---	1975
1976	---	212.890	213.004	213.012	213.081	213.130	213.302	213.328	213.316	213.316	213.343	213.380	---	1976
1977	213.378	213.344	213.348	213.365	213.439	213.458	213.528	213.583	213.685	213.664	213.628	213.637	213.492	1977
1978	213.445	213.344	213.243	213.203	213.227	213.085	213.098	213.080	213.108	213.206	213.253	---	---	1978
1979	---	213.179	213.182	213.156	---	213.492	213.443	213.343	---	213.368	213.368	213.310	---	1979
1980	213.287	213.262	213.244	213.248	213.251	213.241	213.168	---	---	---	213.242	213.245	---	1980
1981	213.223	213.178	213.163	213.138	213.263	213.361	213.438	213.398	213.291	213.334	213.388	213.399	213.287	1981
1982	---	---	---	---	---	213.478	213.414	213.352	213.255	213.214	---	---	---	1982
1983	---	---	---	---	213.355	213.592	213.605	213.593	213.531	213.523	213.515	---	---	1983
MEAN	213.908	212.988	212.935	212.927	213.031	213.056	213.098	213.042	212.942	212.944	212.918	212.882	213.011	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 54 18 10 N
LONG 88 26 30 W REGULATED SINCE 1973

KISKITTO LAKE NEAR NORWAY HOUSE - STATION NO. 05UB013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	---	211.994 ON OCT 22	1972
1973	---	---	---	1973
1974	212.552 AT 1930 CST ON JUN 28	212.491 ON JUN 28	211.984 ON JAN 9 *	1974
1975	---	---	212.153 ON APR 5	1975
1976	213.445 AT 1500 CST ON DEC 30	213.403 ON DEC 30	---	1976
1977	213.753 AT 1359 CST ON OCT 24	213.692 ON SEP 14 *	213.317 ON APR 5	1977
1978	213.512 AT 2020 CST ON JAN 1	213.512 ON JAN 2	213.013 ON SEP 11	1978
1979	213.622 AT 1400 CST ON JUN 14	213.541 ON JUN 14	213.128 ON APR 13	1979
1980	213.388R AT 1520 CST ON OCT 30	213.330 ON OCT 30	---	1980
1981	213.606 AT 1430 CST ON JUL 8	213.532 ON JUL 8	213.105 ON MAR 28	1981
1982	213.543 AT 1054 CST ON JUN 3	213.509 ON JUN 3	---	1982
1983	213.814 AT 1145 CST ON JUL 18 *	213.664 ON JUL 27	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KISKITTOGISU LAKE NEAR NORWAY HOUSE - STATION NO. 05UB007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	216.830	216.702	216.578	---	---	---	---	1967
1968	---	---	---	---	---	216.468	216.458	216.453	216.518	---	---	---	---	1968
1969	---	---	---	---	---	216.789	216.808	216.765	216.761	---	---	---	---	1969
1970	---	---	---	---	---	---	217.015	216.889	---	---	---	---	---	1970
1971	---	---	---	---	---	216.918	---	---	---	---	---	---	---	1971
1972	216.483	216.514	216.410	216.413	216.765	216.911	216.787	216.673	216.582	---	---	---	---	1972
1973	216.249	216.183	216.136	216.121	216.287	216.804	217.158	217.128	---	---	216.222	216.343	---	1973
1974	216.289	216.279	216.262	216.314	216.814	217.214	217.285	217.171	216.928	---	216.147	216.175	---	1974
1975	216.528	216.662	216.519	216.486	216.872	217.043	217.448	217.251	216.970	216.908	216.868	216.379	216.714	1975
1976	215.677	215.584	---	---	216.370	---	---	---	217.436	216.882	216.572	---	---	1976
1977	216.430	---	---	---	---	216.714	216.696	216.827	---	---	215.711	215.534	---	1977
1978	215.598	---	---	---	---	---	217.589	217.558	216.827	216.827	216.042	215.623	---	1978
1979	216.146	216.073	216.019	215.981	216.355	---	---	217.424	217.540	217.195	216.758	216.189	---	1979
1980	216.208	216.016	215.953	215.504	217.376	217.388	217.487	217.412	217.517	217.110	216.114	216.215	---	1980
1981	216.015	215.832	---	---	---	217.130	217.297	---	217.382	217.010	216.530	216.151	216.788	1981
1982	---	---	---	---	216.998	217.447	217.566	217.523	---	---	---	---	---	1982
1983	216.160	216.078	216.035	---	217.259	217.552	217.630	---	217.155	216.783	216.338	216.218	---	1983
MEAN	216.089	216.136	216.181	216.298	216.789	217.036	217.148	217.044	217.036	216.931	216.310	216.093	216.751	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 21 46 N
LONG 88 07 27 W REGULATED SINCE 1973

KISKITTOGISU LAKE NEAR NORWAY HOUSE - STATION NO. 05UD007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	218.612 ON SEP 16	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	216.981 AT 1715 CST ON MAY 28	216.978 ON JUN 12	---	1971
1972	217.005 AT 0513 CST ON JUN 13	216.976 ON MAY 23	---	1972
1973	217.283 AT 1710 CST ON JUL 11	217.240 ON JUL 12	216.861 ON NOV 10	1973
1974	217.505 AT 1400 CST ON JUL 12	217.414 ON JUL 12	216.188 ON JAN 1	1974
1975	217.871 AT 0710 CST ON SEP 17 *	217.841 ON SEP 17 *	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	217.822 AT 1530 CST ON AUG 21	217.789 ON AUG 21	215.886 ON NOV 28	1979
1980	217.695 AT 2120 CST ON JUL 29	217.644 ON AUG 29	215.874 ON MAR 11	1980
1981	---	---	215.781 ON FEB 20 *	1981
1982	217.854 AT 0225 CST ON AUG 13	217.810 ON AUG 13	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISSISSING LAKE AT COLD LAKE - STATION NO. 05EA009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	29.986	29.857	---	---	---	1981
1982	---	---	---	---	---	---	30.263	30.226	30.170	---	---	---	---	1982
1983	---	---	---	---	---	---	30.463	30.517	30.499	30.518	30.514	---	---	1983
MEAN	---	---	---	---	---	---	30.358	30.372	30.218	30.238	30.514	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 07 50 N
LONG 101 08 50 W

KISSISSING LAKE AT COLD LAKE - STATION NO. 05EA009

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	---	---	1981
1982	---	---	---	1982
1983	30.590 AT 0910 CST ON AUG 19 *	30.578 ON JUL 27 *	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE HOGUE'S DAM - STATION NO. 05OC802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	229.457	229.384	229.285	229.249	---	---	---	1983
MEAN	---	---	---	---	---	---	229.457	229.384	229.285	229.249	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 03 N
LONG 97 20 57 W NATURAL FLOW

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE LEWKO'S DAM - STATION NO. 05OC803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	230.818	230.765	230.703	230.677	---	---	---	1983
MEAN	---	---	---	---	---	---	230.818	230.765	230.703	230.677	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 39 05 N
LONG 97 23 23 W NATURAL FLOW

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE ST. NORBERT DAM - STATION NO. 05OC804

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	226.112	---	---	---	226.781	226.763	---	---	---	1983
MEAN	---	---	---	---	226.112	---	---	---	226.781	226.763	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 43 17 N
LONG 97 14 36 W REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1980-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER AT HAMPSONS DAM - STATION NO. 05OC801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	233.211	232.880	232.639	232.820	---	---	---	1983
MEAN	---	---	---	---	---	---	233.211	232.880	232.639	232.820	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 43 18 N
LONG 97 31 23 W NATURAL FLOW

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER AT SANFORD - STATION NO. 05OC805

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	232.782	---	232.683	232.328	232.140	232.073	---	---	---	1983
MEAN	---	---	---	---	232.782	---	232.683	232.328	232.140	232.073	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 02 N
LONG 97 24 42 W NATURAL FLOW

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER AT SANFORD - STATION NO. 05OC805

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	235.309 ON APR 7 *	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER AT STARBUCK - STATION NO. 05OC806

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	235.629	---	235.599	235.369	---	---	---	---	---	1983
MEAN	---	---	---	---	235.629	---	235.599	235.369	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 48 13 N
LONG 97 36 54 W NATURAL FLOW

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LAKE MANITOBA AT DELTA - STATION NO. 05LL003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	247.879	247.740	247.790	---	---	---	1914
1915	247.728	247.694	247.657	247.648	247.708	247.686	247.633	247.588	247.571	247.581	247.587	247.488	247.627	1915
1916	247.489	247.485	247.478	247.483	247.667	247.511	247.506	247.557	247.572	247.487	247.552	247.546	247.526	1916
1917	247.549	247.555	247.543	247.530	247.554	247.528	247.498	247.525	247.487	---	247.522	247.521	---	1917
1918	247.521	247.519	247.519	247.500	247.527	247.488	247.487	247.512	247.583	247.580	247.554	247.548	247.537	1918
1919	247.530	247.522	247.519	247.488	247.490	247.465	247.445	247.470	247.533	247.527	---	247.273	---	1919
1920	247.275	247.287	247.287	247.320	247.383	247.457	247.455	247.426	247.267	247.318	247.283	---	---	1920
1921	247.253	247.253	247.255	247.288	247.344	247.361	247.358	247.418	247.392	247.484	247.476	247.474	247.381	1921
1922	247.490	247.490	247.508	247.577	247.707	247.604	247.603	247.854	247.851	247.831	247.844	247.857	247.718	1922
1923	247.880	247.883	247.871	---	---	---	248.088	248.078	247.897	247.952	247.914	247.875	---	1923
1924	247.852	247.843	247.828	247.845	247.828	247.834	247.955	---	247.775	247.782	247.720	247.715	---	1924
1925	247.693	247.684	247.685	247.777	247.820	247.823	247.867	247.861	247.835	247.886	247.820	247.758	247.807	1925
1926	247.746	247.745	247.724	---	247.703	247.738	247.610	247.521	247.536	247.579	247.534	247.518	---	1926
1927	247.527	247.528	247.528	247.555	247.702	247.830	247.830	247.783	247.778	247.781	247.787	247.778	247.702	1927
1928	247.740	247.708	247.730	247.697	247.732	247.781	247.787	247.717	247.695	247.608	247.618	247.588	247.694	1928
1929	247.522	247.526	247.555	---	247.585	247.588	247.518	247.409	247.335	247.301	247.310	247.258	---	1929
1930	247.258	247.257	247.263	247.313	247.448	247.398	247.618	247.304	247.263	247.274	247.216	247.179	247.288	1930
1931	247.132	247.088	247.142	247.233	247.233	247.154	247.183	247.183	247.116	247.151	247.153	247.139	247.158	1931
1932	247.108	247.091	247.081	247.123	247.180	247.201	247.142	247.085	247.021	247.128	247.157	---	---	1932
1933	---	247.001	247.023	247.071	247.133	247.132	247.089	247.103	247.082	247.087	247.051	---	---	1933
1934	246.987	247.011	247.021	247.058	---	247.164	247.148	247.128	247.158	247.158	247.148	247.128	---	1934
1935	247.181	247.204	247.248	247.289	247.341	247.506	247.658	247.652	247.608	247.629	247.588	247.567	247.456	1935
1936	247.574	247.583	247.564	247.573	247.642	247.702	247.657	247.543	247.476	247.482	247.430	247.435	247.553	1936
1937	247.463	247.485	247.484	247.494	247.584	247.724	247.588	247.478	247.474	247.485	247.475	247.428	247.512	1937
1938	247.406	247.410	247.413	247.462	247.518	247.497	247.466	247.411	247.311	247.252	247.254	247.223	247.385	1938
1939	247.227	247.243	247.248	247.264	247.304	---	---	247.285	247.229	247.205	247.135	247.140	---	1939
1940	247.122	247.133	247.135	247.142	247.168	247.206	247.150	247.100	247.034	246.993	246.980	246.937	247.091	1940
1941	246.965	246.978	246.991	247.044	247.048	247.093	247.060	247.050	247.105	247.031	247.007	246.979	247.028	1941
1942	246.983	246.999	247.015	247.081	247.124	247.077	247.058	247.044	247.030	246.998	246.922	246.913	247.024	1942
1943	246.939	246.983	246.986	247.005	247.128	247.214	247.172	247.151	247.088	246.973	246.951	246.951	247.048	1943
1944	246.955	246.985	246.985	246.987	247.071	247.184	247.178	247.118	247.072	247.054	247.045	246.994	247.049	1944
1945	247.005	247.022	247.047	247.120	247.225	247.224	247.200	247.191	247.142	247.101	247.118	247.078	247.123	1945
1946	247.088	247.106	247.128	247.191	247.330	247.280	247.257	247.213	---	247.158	247.173	247.188	---	1946
1947	247.183	247.217	247.217	247.244	247.350	247.385	247.504	247.500	247.518	247.412	247.436	247.410	247.385	1947
1948	247.448	247.481	247.508	247.542	247.711	247.800	247.798	247.783	247.732	247.683	247.718	247.[illegible]	247.682	1948
1949	247.784	247.758	247.749	247.752	247.758	247.709	247.708	247.643	247.630	247.585	247.633	247.[illegible]	247.687	1949
1950	247.589	247.588	247.557	247.543	247.594	247.718	247.707	247.671	247.584	247.539	247.504	247.[illegible]	247.598	1950
1951	247.510	247.503	247.501	247.501	247.538	247.554	247.513	247.488	247.481	247.457	247.443	247.[illegible]	247.493	1951
1952	247.432	247.427	247.433	247.438	247.511	247.524	247.537	247.475	247.533	247.484	247.483	247.[illegible]	247.478	1952
1953	247.484	247.489	247.484	247.533	247.606	247.752	247.814	247.768	247.608	247.787	247.780	247.811	247.675	1953
1954	247.861	247.873	247.898	247.922	248.027	248.142	---	248.188	248.240	248.293	---	248.282	---	1954
1955	---	---	---	248.288	248.412	248.578	248.513	248.413	248.280	248.258	---	---	---	1955
1956	---	---	---	248.087	248.180	248.198	248.203	248.112	248.077	248.035	---	---	---	1956
1957	---	---	---	247.814	247.982	248.032	247.923	247.873	247.854	247.783	247.803	247.711	---	1957
1958	---	247.718	---	---	---	---	---	247.506	247.484	---	247.462	---	---	1958
1959	---	---	---	---	---	247.561	247.561	247.494	247.488	---	---	---	---	1959
1960	247.527	247.563	---	---	247.838	247.845	---	247.533	247.507	---	---	---	---	1960
1961	---	247.482	---	---	---	---	247.533	---	---	---	---	---	---	1961
1962	---	---	247.533	---	---	---	---	---	---	---	247.348	---	---	1962
1963	---	---	---	---	247.525	247.548	---	247.381	247.324	---	---	---	---	1963
1964	---	---	---	---	---	247.389	247.274	247.248	247.228	---	---	---	---	1964
1965	---	---	---	---	---	247.248	---	247.242	---	---	---	---	---	1965
1966	---	---	---	---	---	247.514	---	---	---	247.408	---	---	---	1966
1967	---	---	---	---	247.871	247.642	247.583	247.501	247.345	247.398	---	---	---	1967
1968	---	---	---	---	247.547	247.525	247.508	247.505	247.472	247.487	---	---	---	1968
1969	---	---	---	---	247.447	---	247.431	---	---	247.424	---	---	---	1969
MEAN	247.388	247.401	247.389	247.448	247.539	247.558	247.542	247.510	247.485	247.480	247.415	247.430	247.432	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 11 15 N
LONG 98 19 00 W REGULATED

LAKE MANITOBA AT DELTA - STATION NO. 05LL003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	---	---	1914
1915	---	248.095 ON MAY 7	247.440 ON OCT 18	1915
1916	---	248.101 ON SEP 21	247.120 ON OCT 31	1916
1917	---	247.918 ON OCT 11	247.380 ON SEP 24	1917
1918	---	248.275 ON MAY 11	247.382 ON OCT 21	1918
1919	---	---	---	1919
1920	---	247.647 ON MAY 28	247.187 ON SEP 15	1920
1921	---	247.835 ON OCT 8	247.245 ON JAN 2	1921
1922	---	247.946 ON JUN 23	247.476 ON JAN 4	1922
1923	---	---	---	1923
1924	---	247.997 ON AUG 3	247.850 ON OCT 29	1924
1925	---	248.235 ON JUN 8	247.680 ON FEB 15	1925
1926	---	---	247.269 ON OCT 8	1926
1927	---	248.071 ON OCT 11	247.431 ON SEP 14	1927
1928	---	248.082 ON AUG 22	247.443 ON OCT 14	1928
1929	---	248.022 ON JUN 10	---	1929
1930	---	247.808 ON MAY 15	247.132 ON SEP 24	1930
1931	---	247.900 ON AUG 27	247.010 ON OCT 21	1931
1932	---	247.930 ON JUN 30	246.925 ON SEP 11	1932
1933	---	247.552 ON SEP 19	246.952 ON DEC 18	1933
1934	---	247.847 ON OCT 18	246.957 ON JAN 10	1934
1935	---	248.238 ON OCT 2	247.147 ON JAN 1	1935
1936	---	247.918 ON JUL 22	247.245 ON OCT 14	1936
1937	---	248.220 ON JUN 5	247.004 ON OCT 31	1937
1938	---	247.937 ON MAY 5	247.132 ON OCT 29	1938
1939	---	247.854 ON OCT 15	247.095 ON NOV 22	1939
1940	---	247.479 ON JUN 9	246.778 ON NOV 6	1940
1941	---	247.595 ON SEP 5	246.742 ON OCT 10	1941
1942	---	247.548 ON SEP 23	246.685 ON JUN 20 *	1942
1943	---	247.847 ON SEP 18	246.726 ON OCT 15	1943
1944	---	247.978 ON AUG 30	246.803 ON NOV 5	1944
1945	---	247.580 ON MAY 7	246.909 ON SEP 17	1945
1946	---	248.071 ON MAY 9	246.909 ON SEP 15	1946
1947	---	247.915 ON JUN 9	246.979 ON JUN 20	1947
1948	---	248.098 ON MAY 28	247.388 ON MAY 15	1948
1949	---	248.132 ON NOV 1	247.367 ON OCT 6	1949
1950	---	248.088 ON JUN 15	247.400 ON OCT 23	1950
1951	---	247.760 ON SEP 14	247.326 ON MAY 25	1951
1952	---	247.961 ON SEP 1	247.324 ON OCT 20	1952
1953	---	248.418 ON JUL 4	247.351 ON NOV 6	1953
1954	---	248.763 ON OCT 28	247.802 ON JAN 2	1954
1955	---	248.814 ON MAY 7 *	---	1955
1956	---	248.868 ON OCT 8	247.880 ON OCT 24	1956
1957	---	248.363 ON JUN 9	247.522 ON DEC 11	1957
1958	---	248.016 ON MAY 13	247.324 ON APR 27	1958
1959	---	247.882 ON OCT 7	247.351 ON MAR 16	1959
1960	---	247.873 ON SEP 21	247.315 ON SEP 28	1960
1961	---	247.784 ON OCT 17	---	1961
1962	---	---	---	1962
1963	---	247.924 ON MAY 21	247.077 ON AUG 15	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA AT STEEP ROCK - STATION NO. 05LK002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	248.092	248.073	248.041	---	---	1923
1924	248.029	248.002	247.970	247.987	248.088	248.104	248.071	---	247.815	---	247.877	---	---	1924
1925	247.848	247.823	247.807	247.845	247.898	---	248.093	248.039	---	247.906	247.926	247.921	---	1925
1926	247.898	247.876	247.848	247.827	247.881	247.771	247.786	247.887	247.678	247.688	247.677	247.702	247.773	1926
1927	247.672	247.648	247.623	247.668	247.787	247.815	247.988	247.814	247.676	247.673	247.658	247.671	247.805	1927
1928	247.859	247.837	247.820	247.835	247.857	247.693	247.921	247.870	247.782	247.721	247.705	247.689	247.814	1928
1929	247.676	247.647	247.629	247.642	247.887	247.888	247.640	247.505	247.407	247.380	247.364	247.378	247.649	1929
1930	247.381	247.383	247.398	247.418	247.457	247.530	247.486	247.415	247.272	247.243	247.232	247.239	247.371	1930
1931	247.257	247.270	---	---	247.248	247.262	247.273	247.232	247.149	247.177	247.134	247.142	---	1931
1932	247.187	247.200	247.208	247.255	247.268	247.247	247.223	247.142	247.082	246.980	247.028	247.078	247.158	1932
1933	247.107	247.113	247.147	247.166	247.187	247.221	247.174	247.088	247.080	246.988	247.042	247.090	247.113	1933
1934	247.128	247.147	247.171	247.197	247.197	247.207	247.225	247.132	247.109	247.177	247.210	247.288	247.181	1934
1935	247.293	247.323	247.354	247.417	247.471	247.551	247.757	247.691	247.672	247.643	247.671	247.698	247.550	1935
1936	247.693	247.693	247.687	247.696	247.758	247.757	247.768	247.840	247.557	247.517	247.534	247.561	247.655	1936
1937	247.593	247.614	247.623	247.614	247.643	247.674	247.688	247.563	247.462	247.488	247.452	247.504	247.572	1937
1938	247.524	247.531	247.532	247.548	247.584	247.646	247.531	247.461	247.380	247.327	247.307	247.330	247.485	1938
1939	247.321	247.328	247.353	247.334	247.348	247.377	247.406	247.271	247.239	247.159	247.173	247.197	247.292	1939
1940	247.203	247.217	247.217	247.220	247.208	247.183	247.170	247.114	247.025	247.005	247.001	247.026	247.133	1940
1941	247.051	247.074	247.090	247.142	247.156	247.159	247.154	247.083	247.054	247.037	247.018	247.122	247.095	1941
1942	247.111	247.113	247.113	247.186	247.173	247.207	247.128	247.080	247.008	246.981	246.939	246.936	247.081	1942
1943	246.951	246.986	246.987	247.056	247.122	247.178	247.198	247.120	247.052	247.043	246.984	247.033	247.058	1943
1944	247.040	247.051	247.056	247.049	247.070	247.103	247.191	247.118	247.077	247.056	247.020	247.088	247.075	1944
1945	247.082	247.098	247.112	247.174	247.212	247.218	247.257	247.214	247.140	247.108	247.108	247.142	247.156	1945
1946	247.158	247.171	247.200	247.257	247.288	247.259	247.262	247.213	247.182	247.189	247.190	247.207	247.214	1946
1947	247.239	247.267	247.278	247.295	247.345	247.424	247.528	247.517	247.486	247.466	247.440	247.473	247.398	1947
1948	247.519	247.542	247.564	247.590	247.767	247.502	247.837	247.842	247.826	247.763	247.721	247.785	247.713	1948
1949	247.821	247.808	247.788	247.809	247.817	247.855	247.780	247.734	247.589	247.611	247.601	247.683	247.741	1949
1950	247.683	247.658	247.636	247.618	247.698	247.737	247.780	247.758	247.686	247.665	247.808	247.628	247.674	1950
1951	247.621	247.606	247.603	247.598	247.643	247.630	247.598	247.583	247.501	247.512	247.514	247.536	247.578	1951
1952	247.538	247.526	247.534	247.544	247.558	247.576	247.588	247.548	247.530	247.476	247.484	247.532	247.539	1952
1953	247.538	247.558	247.574	247.611	247.645	247.772	247.800	247.892	247.680	247.670	247.930	247.926	247.757	1953
1954	247.957	247.979	247.981	248.007	248.103	248.248	248.330	248.284	248.318	248.378	248.380	248.396	248.198	1954
1955	248.384	248.370	248.352	248.385	248.491	248.618	248.645	248.538	248.409	248.326	248.271	248.299	248.425	1955
1956	248.287	248.287	248.222	248.187	248.255	248.328	248.293	248.207	248.157	248.112	248.077	248.091	248.205	1956
1957	248.083	248.048	248.012	248.017	248.044	248.051	248.080	---	247.822	247.883	247.810	247.827	---	1957
1958	247.808	247.791	247.771	247.758	247.731	247.856	247.852	247.554	247.530	247.456	247.452	247.528	247.640	1958
1959	247.534	247.547	247.550	247.545	247.589	247.678	247.678	247.593	247.549	247.842	247.612	247.628	247.587	1959
1960	247.649	247.657	247.641	247.682	247.765	247.775	247.711	247.659	247.580	247.503	247.471	247.521	247.632	1960
1961	247.541	247.553	247.586	247.601	247.659	247.620	247.543	247.451	247.325	247.342	247.231	247.282	247.476	1961
1962	247.316	247.341	247.375	247.401	247.443	247.543	247.458	247.443	247.418	247.376	247.359	247.375	247.404	1962
1963	247.385	247.401	247.410	247.469	247.501	247.600	247.607	247.486	247.427	247.373	247.281	247.306	247.437	1963
1964	247.326	247.341	247.353	247.376	247.405	247.327	247.337	247.215	247.150	247.085	247.056	247.095	247.255	1964
1965	247.122	247.128	247.138	247.187	247.254	247.351	247.326	247.295	247.273	247.274	247.274	247.324	247.246	1965
1966	247.375	247.390	247.412	247.462	247.558	247.588	247.565	247.471	247.438	247.400	247.462	247.518	247.469	1966
1967	247.571	247.624	247.661	247.692	247.749	247.693	247.594	247.531	247.472	247.446	247.476	247.532	247.585	1967
1968	247.533	247.511	247.471	247.478	247.529	247.588	---	247.503	247.550	247.468	247.471	247.431	---	1968
1969	247.433	247.431	247.411	247.405	247.447	247.401	247.474	247.470	247.410	247.377	247.389	247.434	247.424	1969
1970	247.485	247.488	247.508	247.513	247.582	247.587	247.532	247.508	247.403	247.382	247.458	---	---	1970
1971	247.587	247.629	247.638	247.647	247.642	247.611	247.530	247.485	247.430	247.440	247.483	247.508	247.552	1971
1972	---	---	247.485	247.514	247.620	247.607	247.508	247.486	247.467	247.454	247.482	247.483	---	1972
1973	247.485	247.448	247.457	247.467	247.617	247.605	247.591	247.547	247.522	247.541	247.522	---	---	1973
1974	247.581	247.587	247.547	247.541	247.789	247.868	247.707	247.560	247.475	247.448	247.416	247.410	247.572	1974
1975	247.408	247.423	247.418	247.441	247.578	247.656	247.568	247.558	247.574	247.587	247.536	247.526	247.522	1975
1976	247.496	247.452	247.432	247.574	247.838	247.810	247.592	247.538	---	---	247.335	247.378	---	1976
1977	247.415	247.443	247.461	247.479	247.618	247.648	247.557	247.482	247.532	247.550	247.501	247.488	247.518	1977
1978	247.473	247.444	247.412	247.415	247.481	247.492	247.495	247.421	247.423	247.418	247.418	247.446	247.445	1978
1979	247.459	247.480	247.492	247.554	247.818	247.886	247.782	247.607	247.550	247.488	247.471	247.502	247.590	1979
1980	247.514	247.513	247.498	247.478	247.480	247.454	247.445	247.478	247.526	247.450	247.470	247.480	247.482	1980
1981	247.428	247.403	247.383	247.392	247.388	247.437	247.481	247.459	247.446	247.415	247.386	247.372	247.416	1981
1982	247.370	247.388	247.378	247.411	247.483	247.483	247.507	247.445	247.383	247.348	247.371	247.397	247.410	1982
1983	247.422	247.420	247.480	247.518	247.808	247.851	247.847	247.813	247.411	247.408	247.436	247.408	247.492	1983
MEAN	247.497	247.501	247.506	247.528	247.582	247.607	247.607	247.521	247.487	247.464	247.461	247.469	247.500	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 26 26 N
LONG 98 48 13 W REGULATED SINCE 1934

LAKE MANITOBA AT STEEP ROCK - STATION NO. 05LK002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1923	---	---	---	1923
1924	---	248.208 ON JUN 20	247.751 ON SEP 27	1924
1925	---	---	---	1925
1926	---	248.196 ON JUN 30	247.788 ON MAR 7	1926
1927	---	247.809 ON MAY 26	247.583 ON SEP 23	1927
1928	---	248.031 ON JUL 8	247.613 ON MAR 15	1928
1929	---	247.894 ON JUL 2	247.598 ON OCT 11	1929
1930	---	247.842 ON JUN 18	247.293 ON SEP 17	1930
1931	---	247.829 ON JUN 13	247.202 ON SEP 29	1931
1932	---	247.354 ON APR 15	247.050 ON SEP 10	1932
1933	---	247.385 ON MAY 24	246.897 ON OCT 20	1933
1934	---	247.324 ON JUL 8	246.864 ON OCT 27	1934
1935	---	247.339 ON DEC 13	247.050 ON AUG 31	1935
1936	---	247.842 ON JUL 11	247.278 ON JAN 1	1936
1937	---	247.842 ON JUN 30	247.446 ON OCT 30	1937
1938	---	247.812 ON JUN 18	247.253 ON NOV 15	1938
1939	---	247.828 ON MAY 13	247.232 ON OCT 21	1939
1940	---	247.537 ON JUL 21	247.060 ON NOV 1	1940
1941	---	247.263 ON MAY 31	246.963 ON SEP 28	1941
1942	---	247.263 ON JUN 20	246.963 ON NOV 10	1942
1943	---	247.293 ON MAY 28	246.897 ON OCT 24	1943
1944	---	247.248 ON JUN 11	246.864 ON OCT 14 *	1944
1945	---	247.251 ON JUL 5	246.864 ON NOV 2	1945
1946	---	247.403 ON OCT 29	247.031 ON NOV 9	1946
1947	---	247.357 ON JUL 22	247.046 ON SEP 8	1947
1948	---	247.801 ON JUL 9	247.181 ON JUN 10	1948
1949	---	247.948 ON SEP 23	247.507 ON JAN 9	1949
1950	---	247.987 ON JUN 29	247.455 ON OCT 19	1950
1951	---	247.906 ON AUG 8	247.449 ON NOV 9	1951
1952	---	247.706 ON MAY 29	247.434 ON SEP 27	1952
1953	---	247.677 ON JUL 8	247.309 ON OCT 8	1953
1954	---	248.089 ON NOV 8	247.388 ON MAY 11	1954
1955	---	248.485 ON OCT 21	247.924 ON JAN 2	1955
1956	---	248.783 ON JUL 8 *	248.189 ON NOV 8	1956
1957	---	248.409 ON JUN 7	248.019 ON OCT 8	1957
1958	---	248.144 ON JUL 24	247.738 ON NOV 23	1958
1959	---	247.824 ON JAN 5	247.281 ON NOV 18	1959
1960	---	247.783 ON JUN 11	247.367 ON OCT 10	1960
1961	---	247.839 ON JUN 27	247.400 ON NOV 9	1961
1962	---	247.717A ON MAY 22	247.190A ON DEC 1	1962
1963	247.885 AT 1500 CST ON JUN 30	247.589A ON JUN 13	247.263 ON OCT 24	1963
1964	247.531 AT 1500 CST ON MAY 18	247.748 ON JUN 23	247.189 ON NOV 13	1964
1965	247.482 AT 1530 CST ON JUN 19	247.456 ON MAY 14	247.001 ON NOV 20	1965
1966	247.943 AT 2040 CST ON AUG 15	247.443 ON JUN 19	247.117 ON JAN 1	1966
1967	247.818 AT 0100 CST ON JUN 4	247.850 ON JUN 11	247.327 ON NOV 1	1967
1968	247.893 AT 1840 CST ON MAY 14	247.799 ON JUN 3	247.360 ON SEP 25	1968
1969	247.853 AT 1408 CST ON JUL 30	247.635 ON JUN 1	247.357 ON MAY 18	1969
1970	247.856 AT 1323 CST ON JUL 1	247.522 ON JUL 9	247.268 ON NOV 14	1970
1971	247.783 AT 0535 CST ON MAY 29	247.772 ON JUL 1	247.287 ON OCT 8	1971
1972	247.772 AT 0950 CST ON JUN 13	247.687 ON MAY 9	247.384 ON OCT 2	1972
1973	247.786 AT 1722 CST ON JUL 11	247.687 ON MAY 23	247.378 ON SEP 24	1973
1974	247.897 AT 2216 CST ON JUN 3	247.720 ON JUL 2	247.434 ON NOV 4	1974
1975	247.878 AT 1358 CST ON JUN 28	247.833 ON JUN 6	247.327 ON NOV 14	1975
1976	247.867 AT 0017 CST ON JUN 2	247.788 ON JUN 28	247.387 ON JAN 1	1976
1977	247.798 AT 1810 CST ON JUN 25	247.884 ON MAY 26	---	1977
1978	247.850 AT 1740 CST ON JUN 16	247.741 ON MAY 28	247.370 ON NOV 20	1978
1979	248.010 AT 2255 CST ON JUN 6 *	247.571 ON JUN 16	247.321 ON SEP 12	1979
1980	247.813 AT 1155 CST ON AUG 25	247.953 ON JUN 6	247.394 ON OCT 12	1980
1981	247.636 AT 2349 CST ON JUL 7	247.578 ON AUG 22	247.350 ON OCT 17	1981
1982	247.717 AT 2220 CST ON AUG 14	247.559 ON JUL 2	247.304 ON NOV 19	1982
1983	247.764 AT 2228 CST ON JUL 16	247.583 ON JUL 5	247.241 ON OCT 11	1983
		247.715 ON JUL 16	247.309 ON SEP 22	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA AT THE NARROWS - STATION NO. 05LK003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	247.832	247.822	247.818	247.470	247.388	---	247.488	---	1958
1959	247.505	247.507	247.504	247.521	247.570	247.636	247.632	247.546	247.504	247.557	247.577	247.595	247.555	1959
1960	247.618	247.625	247.615	247.648	247.744	247.739	247.693	247.637	247.542	247.484	247.476	247.505	247.610	1960
1961	247.515	---	247.551	---	247.631	247.627	247.525	247.410	247.311	247.330	247.294	---	---	1961
1962	---	247.491	247.491	247.490	247.515	247.527	247.446	247.417	247.383	247.327	---	---	---	1962
1963	247.374	247.378	247.388	247.457	247.485	247.563	247.567	247.454	247.384	---	247.282	---	---	1963
1964	---	247.330	247.330	247.362	247.372	247.308	247.291	247.172	247.121	247.051	247.037	247.088	---	1964
1965	---	---	247.047	247.074	---	247.321	247.289	247.261	247.261	247.268	247.278	247.320	---	1965
1966	247.370	247.388	247.383	247.464	247.547	247.572	247.554	247.481	247.410	247.367	---	247.495	---	1966
1967	247.563	247.610	247.640	247.882	---	---	247.588	247.492	247.412	---	---	---	---	1967
1968	---	---	---	---	247.450	247.411	---	247.421	---	247.378	247.358	247.409	---	1968
1970	247.440	247.481	247.481	247.487	247.553	247.558	247.581	247.470	---	---	247.418	247.492	---	1970
1971	---	---	247.588	247.813	---	247.587	---	---	247.384	247.397	247.483	247.487	---	1971
1972	---	247.483	247.478	247.509	247.610	247.587	247.483	247.458	247.418	247.420	247.440	247.444	---	1972
1973	247.448	---	247.443	247.452	247.508	247.584	247.560	247.501	247.492	247.496	247.497	---	---	1973
1974	---	247.548	247.517	247.488	247.778	247.834	247.687	247.537	247.457	247.423	247.381	247.393	---	1974
1975	247.393	247.407	247.407	247.434	247.558	247.653	247.580	247.533	247.558	247.582	247.518	247.502	247.507	1975
1976	247.475	247.438	247.428	247.593	247.873	247.820	247.667	247.524	247.373	247.318	247.320	---	---	1976
1977	247.402	247.422	247.436	247.450	247.585	247.604	247.528	247.447	247.486	247.510	247.482	247.475	247.483	1977
1978	247.473	247.462	247.402	247.411	247.467	247.484	247.488	247.412	247.417	247.388	247.408	247.448	247.437	1978
1979	247.481	247.488	247.487	247.587	247.818	247.891	247.784	247.611	247.531	247.478	247.488	247.507	247.589	1979
1980	247.515	247.511	247.487	247.478	247.458	247.436	247.414	247.412	247.480	247.408	247.436	247.430	247.454	1980
1981	247.418	---	---	---	247.384	247.428	247.433	247.393	247.354	247.372	247.372	247.388R	---	1981
1982	247.372	247.367	247.389	---	---	---	247.473	247.422	247.350	247.343	---	---	---	1982
1983	247.408	247.417	247.481	247.503	247.578	247.615	247.615	247.488	247.357	247.382	247.373	247.398	247.484	1983
MEAN	247.458	247.480	247.482	247.481	247.578	247.588	247.542	247.459	247.411	247.393	247.382	247.435R	247.512	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 04 50 N
LONG 98 48 50 W REGULATED SINCE 1934

R - REVISED SINCE JAN 1980

LAKE MANITOBA AT THE NARROWS - STATION NO. 05LK003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	---	---	1958
1959	---	247.621 ON OCT 15	247.226 ON OCT 11	1959
1960	---	247.812 ON JUN 20	247.269 ON OCT 15	1960
1961	---	247.726 ON MAY 28	247.026 ON SEP 13	1961
1962	---	247.535 ON SEP 11	---	1962
1963	247.775 AT 1740 CST ON JUN 30	247.693 ON JUN 21	247.120 ON NOV 12	1963
1964	---	247.465 ON MAY 20	246.984 ON NOV 20 *	1964
1965	247.543 AT 0845 CST ON JUL 19	247.415 ON JUN 28	247.025 ON APR 4	1965
1966	247.729 AT 2045 CST ON JUL 8	247.626 ON JUN 1	247.242 ON OCT 22	1966
1967	---	---	---	1967
1968	---	247.958A ON MAY 14	247.040A ON AUG 7	1968
1970	247.894 AT 0842 CST ON JUN 25	247.723 ON MAY 28	247.188 ON OCT 5	1970
1971	247.813 AT 1826 CST ON NOV 4	247.671 ON MAY 5	247.186 ON OCT 5	1971
1972	247.663 AT 1837 CST ON OCT 9	247.598 ON JUN 10	247.211 ON OCT 15	1972
1973	247.589 AT 0914 CST ON JUN 9	247.566 ON JUN 24	247.383 ON OCT 9	1973
1974	247.976 AT 0131 CST ON JUN 5	247.912 ON JUN 5	247.184 ON NOV 13	1974
1975	247.976 AT 0740 CST ON JUN 28	247.754 ON JUN 26	247.333 ON SEP 19	1975
1976	248.031 AT 0947 CST ON MAY 15	247.967 ON MAY 15 *	247.074 ON OCT 15	1976
1977	247.815 AT 1245 CST ON NOV 12	247.744 ON JUN 9	247.268 ON NOV 20	1977
1978	247.818 AT 1605 CST ON JUN 8	247.671 ON JUN 9	247.248 ON OCT 5	1978
1979	248.071 AT 1100 CST ON JUN 13 *	247.958 ON JUN 13	247.186 ON NOV 1	1979
1980	247.814 AT 1800 CST ON SEP 23	247.668A ON SEP 23	247.127 ON OCT 10	1980
1981	247.788 AT 0820 CST ON OCT 26	247.582 ON OCT 2	247.131 ON SEP 27	1981
1982	247.694 AT 1127 CST ON AUG 12	247.579 ON AUG 12	247.158 ON OCT 10	1982
1983	247.888 AT 1742 CST ON JUL 8	247.694 ON MAY 26	247.173 ON SEP 20	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR MEADOW PORTAGE - STATION NO. 05LK001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	247.515	247.492	---	247.431	247.276	247.318	---	---	1952
1954	---	---	---	---	---	248.183	248.273	---	248.230	248.271	---	---	---	1954
1955	---	---	---	---	248.410	248.494	248.528	248.482	248.299	---	---	---	---	1955
1956	---	---	---	---	---	248.284	248.188	248.077	---	248.037	---	---	---	1956
1957	---	---	---	---	---	247.873	247.882	247.914	247.781	247.765	---	---	---	1957
1958	---	---	---	---	---	247.536	247.457	247.393	247.430	247.383	---	---	---	1958
1959	---	---	---	---	---	247.584	247.577	247.504	247.432	247.432	247.498	247.521	---	1959
1960	247.542	247.545	247.538	247.524	247.478	247.474	247.525	247.497	247.477	247.324	247.379	247.384	247.508	1960
1961	247.416	247.415	247.450	247.490	247.525	247.548	247.482	247.353	247.238	247.186	247.102	247.214	247.384	1961
1962	247.207	247.225	247.273	247.294	247.327	247.437	247.436	247.327	---	---	247.253	247.285	---	1962
1963	247.281	247.263	247.258	247.294	247.395	247.525	247.509	247.413	247.303	247.262	247.122	247.208	247.321	1963
1964	247.233	247.248	247.245	247.282	247.303	247.225	247.238	---	247.081	---	---	247.011	---	1964
1965	247.050	---	---	---	247.197	247.227	247.298	247.231	247.184	247.158	247.178	---	---	1965
1966	---	247.321	247.320	---	247.505	247.550	247.519	247.403	247.356	---	247.319	247.428	---	1966
1967	247.481	247.527	247.554	247.585	---	247.625	247.475	247.488	247.383	247.336	247.383	247.452	---	1967
1968	247.454	247.427	247.391	---	247.488	247.483	---	---	---	---	---	---	---	1968
MEAN	247.333	247.371	247.380	247.410	247.534	247.575	247.564	247.588	247.509	247.490	247.284	247.315	247.398	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 37 15 N
LONG 99 34 30 W REGULATED SINCE 1934

LAKE MANITOBA NEAR MEADOW PORTAGE - STATION NO. 05LK001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1952	---	---	---	1952
1954	---	248.473 ON JUL 6	247.848 ON MAY 24	1954
1955	---	248.723 ON MAY 31 *	---	1955
1956	---	---	---	1956
1957	---	248.037 ON JUL 25	---	1957
1958	---	247.711 ON JAN 1	---	1958
1959	---	247.580 ON JUN 15	247.382 ON OCT 14	1959
1960	---	247.735 ON JUN 23	247.257 ON OCT 17	1960
1961	---	247.586 ON JUN 11	247.040 ON NOV 4	1961
1962	---	247.507 ON JUL 6	247.195 ON JAN 23	1962
1963	---	247.589 ON JUN 23	247.018 ON NOV 12 *	1963
1964	---	247.373 ON MAY 18	---	1964
1965	---	247.373 ON JUL 22	---	1965
1966	---	247.582 ON JUN 1	247.205 ON NOV 1	1966
1967	---	247.677 ON MAY 23	247.329 ON SEP 23	1967
1968	---	---	---	1968

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR TOUTES AIDES - STATION NO. 05LK004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	---	247.334	---	1969
1970	247.382	247.388	247.404	247.403	247.581	247.614	247.519	247.400	247.301	247.285	247.354	---	---	1970
1971	---	---	---	---	247.582	247.547	247.412	247.385	247.328	247.322	247.358	247.408	---	1971
1972	247.407	247.386	247.387	247.420	247.554	247.548	247.402	247.400	247.317	247.320	247.381	---	---	1972
1973	---	247.385	247.370	247.380	247.439	247.528	247.470	247.455	247.421	247.426	247.412	---	---	1973
1974	---	247.483	247.461	247.446	247.710	247.752	247.609	247.488	247.388	247.380	247.324	247.326	---	1974
1975	247.320	247.335	247.332	247.384	247.481	247.524	247.458	247.488	247.495	247.495	247.485	---	---	1975
1976	247.407	---	---	247.502	247.771	247.746	247.618	247.488	247.321	247.224	247.235	---	---	1976
1977	247.318	247.344	247.383	247.393	247.548	247.533	247.483	247.336	247.436	247.433	247.383	247.388	247.411	1977
1978	247.393	247.359	247.323	247.330	247.448	247.437	247.414	247.336	247.378	247.310	247.328	247.382	247.389	1978
1979	247.382	247.388	247.418	247.485	247.728	---	---	---	---	---	247.380	247.431	---	1979
1980	247.424	247.421	247.405	247.376	247.383	247.370	247.310	247.339	247.408	247.315	247.349	247.339	247.388	1980
1981	247.328	247.307	247.300	247.318	247.356	247.369	247.405	247.344	247.328	247.345	247.310	247.280R	247.333R	1981
1982	247.248	247.298	247.301	247.389	247.398	247.393	247.429	247.369	247.278	247.284	247.261	247.322	247.332	1982
1983	247.337	247.339	247.384	247.406	247.523	247.580	247.581	247.427	247.278	247.315	247.407	247.324	247.404	1983
MEAN	247.380	247.387	247.388	247.399	247.535	247.540	247.488	247.402	247.359	247.340	247.353	247.352R	247.370R	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 31 15 N
LONG 99 32 33 W REGULATED SINCE 1934

R - REVISED SINCE JAN 1980

LAKE MANITOBA NEAR TOUTES AIDES - STATION NO. 05LK004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1968	---	---	---	1968
1970	247.805 AT 1557 CST ON JUN 23	247.702 ON JUN 28	247.092 ON OCT 3 *	1970
1971	247.697 AT 0051 CST ON JUL 25	247.671 ON JUN 6	247.159 ON NOV 7	1971
1972	247.769 AT 2250 CST ON JUN 15	247.644 ON JUN 11	247.171 ON OCT 15	1972
1973	247.802 AT 1847 CST ON AUG 15	247.616 ON JUN 2	247.250 ON NOV 5	1973
1974	248.018 AT 2111 CST ON JUN 25 *	247.628 ON MAY 27	247.181 ON NOV 15	1974
1975	247.878 AT 0938 CST ON JUN 26	247.793 ON JUN 28	247.288 ON JAN 11	1975
1976	247.964 AT 1408 CST ON JUN 4	247.900 ON MAY 26 *	247.092 ON OCT 23	1976
1977	247.838 AT 1722 CST ON JUN 25	247.705 ON MAY 26	247.205 ON AUG 11	1977
1978	247.844 AT 2155 CST ON MAY 16	247.801 ON MAY 15	247.206 ON AUG 3	1978
1979	---	---	---	1979
1980	247.881 AT 0018 CST ON MAY 29	247.800 ON MAY 26	247.138 ON AUG 22	1980
1981	247.863 AT 0828 CST ON MAY 22	247.826 ON JUL 2	247.126 ON OCT 23	1981
1982	247.873 AT 0100 CST ON JUL 17	247.796 ON JUL 3	247.143 ON NOV 4	1982
1983	247.748 AT 1004 CST ON JUL 10	247.673 ON JUN 19	247.098 ON SEP 22	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR WESTBOURNE - STATION NO. 05LL012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	247.144	247.124	---	1964
1965	247.149	247.172	247.185	---	---	---	---	---	247.318	247.320	247.328	247.350	---	1965
1966	247.387	247.385	247.391	247.434	247.545	---	---	247.497	247.427	247.442	247.447	247.505	---	1966
1967	247.539	247.572	247.574	247.525	247.579	---	---	247.490	247.329	---	---	---	---	1967
1968	---	---	---	---	247.561	247.611	247.566	247.532	247.503	247.514	247.445	247.426	---	1968
1969	247.420	247.395	247.363	---	247.477	---	247.472	247.487	247.435	247.454	247.418	247.410	---	1969
1970	---	---	247.440	247.498	247.575	247.658	247.559	247.486	247.419	247.405	247.454	247.505	---	1970
1971	247.553	247.558	247.559	247.515	247.534	247.590	247.559	247.453	247.421	247.535	247.509	---	---	1971
1972	---	247.505	247.518	247.525	247.518	247.550	247.511	247.454	247.385	---	---	247.435	---	1972
1973	247.432	247.426	247.426	247.473	---	247.618	247.552	247.502	247.516	247.552	247.548	247.540	---	1973
1974	---	247.539	247.521	---	247.607	247.665	247.706	247.529	247.501	247.431	247.428	247.382	---	1974
1975	247.384	247.404	247.409	247.450	247.587	247.632	247.585	247.575	247.525	247.513	247.530	247.499	247.525	1975
1976	247.478	247.446	247.438	247.454	247.554	247.655	247.593	247.518	247.407	247.338	---	247.357	---	1976
1977	247.384	247.426	247.438	247.455	247.542	247.602	247.538	247.470	247.518	247.482	247.405	247.476	247.466	1977
1978	247.473	247.461	247.387	247.430	247.482	247.481	247.435	247.418	247.377	247.420	247.418	247.436	247.435	1978
1979	247.454	247.475	247.478	247.540	247.641	247.668	247.768	247.665	247.556	247.512	247.511	247.481	247.594	1979
1980	247.490	247.468	247.488	247.443	247.482	247.416	247.387	247.418	247.441	247.487	247.424	247.427	247.448	1980
1981	247.401	247.382	247.375	247.398	247.448	247.480	247.372	247.404	247.367	247.338	247.373	247.367	247.389	1981
1982	247.388	247.388	247.380	247.400	247.487	---	---	247.427	247.378	---	---	247.378	---	1982
1983	247.387	247.389	247.435	247.530	247.587	247.648	247.578	247.452	247.341	247.348	247.321	247.380	247.451	1983
MEAN	247.420	247.438	247.434	247.489	247.615	247.632	247.552	247.488	247.436	247.449	247.424	247.417	247.476	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1935 ADJ.)

LOCATION - LAT 50 15 15 N
LONG 98 34 50 W REGULATED SINCE 1934

LAKE MANITOBA NEAR WESTBOURNE - STATION NO. 05LL012

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	---	---	1965
1966	247.958 AT 2330 CST ON MAY 26	247.657 ON JUN 7	247.309 ON SEP 20	1966
1967	---	---	---	1967
1968	---	248.202 ON MAY 17 *	---	1968
1969	248.018 AT 0040 CST ON JUN 1	247.786 ON JUN 1	247.272 ON SEP 19	1969
1970	248.125 AT 1929 CST ON JUN 17	247.694 ON MAY 25	---	1970
1971	248.189 AT 0810 CST ON JUL 25	247.778 ON MAY 17	---	1971
1972	---	247.744 ON MAY 28	247.123 ON SEP 20	1972
1973	248.299 AT 2330 CST ON AUG 15	247.648 ON JUN 20	247.217 ON JUN 4	1973
1974	248.348 AT 2312 CST ON JUN 14	248.043 ON JUN 15	247.302 ON AUG 19	1974
1975	248.241 AT 0811 CST ON AUG 8	247.957 ON OCT 14	247.370 ON JAN 11	1975
1976	248.424 AT 1911 CST ON MAY 1 *	248.181 ON MAY 3	247.082 ON OCT 4 *	1976
1977	248.389 AT 1847 CST ON NOV 20	247.985 ON NOV 20	247.202 ON NOV 2	1977
1978	248.305 AT 1850 CST ON JUN 19	247.790 ON JUN 19	247.323 ON NOV 5	1978
1979	248.266 AT 0250 CST ON JUN 21	248.049 ON JUN 21	247.348 ON OCT 25	1979
1980	248.018 AT 2014 CST ON OCT 17	247.886 ON OCT 17	247.239 ON JUN 24	1980
1981	248.032 AT 2007 CST ON NOV 7	247.859 ON MAY 23	247.116 ON OCT 13	1981
1982	---	---	---	1982
1983	248.055 AT 1446 CST ON MAY 28	247.803 ON JUL 4	247.126 ON NOV 4	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1935 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE OF THE PRAIRIES NEAR SHELLMOUTH - STATION NO. 05MD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	420.578	---	---	---	---	420.500	420.572	---	---	1969
1970	---	---	---	---	---	---	---	---	421.303	421.211	---	---	---	1970
1971	421.588	---	---	423.188	427.581	427.882	427.711	427.378	427.247	427.207	426.894	426.410	---	1971
1972	---	425.180	---	---	---	---	427.602	427.515	427.355	427.122	426.700	426.327	---	1972
1973	425.126	424.952	424.247	424.530	425.088	425.675	426.232	426.446	426.430	426.294	425.976	425.623	425.526	1973
1974	425.256	---	---	424.333	---	429.851	428.452	427.020	---	---	426.508	---	---	1974
1975	---	424.862	424.782	424.471	429.537	428.721	428.892	427.802	427.145	---	426.742	425.987	---	1975
1976	425.210	424.442	---	---	---	428.706	428.728	427.570	---	---	---	426.131	---	1976
1977	425.757	425.483	425.434	425.676	426.576	426.918	426.859	426.712	426.644	426.758	426.574	426.055	426.316	1977
1978	425.490	424.792	424.033	424.567	428.107	428.403	428.523	428.524	428.458	428.378	428.198	428.980	428.786	1978
1979	425.681	425.283	424.476	423.629	429.089	429.805	428.227	427.441	427.241	427.053	426.885	426.187	426.736	1979
1980	425.689	425.144	424.561	425.273	426.950	426.858	426.780	426.574	426.427	426.272	426.087	425.753	426.032	1980
1981	425.322	424.976	424.673	425.412	426.838	426.085	426.275	426.327	426.218	426.093	425.949	425.626	425.752	1981
1982	425.148	424.882	424.633	424.778	425.763	426.037	426.346	426.614	426.621	426.756	426.707	426.256	425.887	1982
1983	425.750	425.255	424.778	424.766	427.521	427.424	427.857	427.521	427.184	427.006	426.584	426.103	426.480	1983
MEAN	425.090	424.956	424.569	424.613	426.467	427.586	427.408	427.034	426.873	426.758	426.042	426.004	426.068	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 57 56 N
LONG 101 25 21 W

DRAINAGE AREA, 17 600 km²
REGULATED SINCE 1969

LAKE OF THE PRAIRIES NEAR SHELLMOUTH - STATION NO. 05MD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	---	---	---	1970
1971	427.903 AT 1315 CST ON MAY 12	427.675 ON MAY 12	421.249 ON APR 5 *	1971
1972	429.481 AT 1130 CST ON MAY 12	429.469 ON MAY 12	---	1972
1973	426.804 AT 1710 CST ON AUG 18	426.513 ON SEP 4	424.183 ON MAR 20	1973
1974	430.085 AT 1705 CST ON JUN 14	430.068 ON JUN 8	423.085 ON APR 17	1974
1975	430.274 AT 1405 CST ON MAY 13 *	430.225 ON MAY 13 *	423.928 ON APR 4	1975
1976	429.803 AT 1414 CST ON MAY 4	429.558 ON MAY 4	---	1976
1977	427.013 AT 1638 CST ON JUN 17	426.849 ON JUN 18	425.419 ON MAR 1	1977
1978	428.859 AT 1540 CST ON JUL 12	428.571 ON JUL 18	423.882 ON MAR 27	1978
1979	430.021 AT 1550 CST ON JUN 1	429.980 ON JUN 1	422.737 ON APR 18	1979
1980	427.080 AT 1930 CST ON MAY 28	427.024 ON MAY 29	424.202 ON APR 4	1980
1981	426.410 AT 1327 CST ON AUG 13	426.385 ON AUG 14	424.780 ON MAR 11	1981
1982	426.986 AT 2251 CST ON AUG 7	426.915 ON AUG 8	424.397 ON MAR 24	1982
1983	427.857 AT 1208 CST ON JUL 10	427.642 ON JUL 10	424.352 ON APR 7	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ST. MARTIN AT SANDY BAY - STATION NO. 05LM003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	244.336	244.408	---	---	---	1954
1955	---	---	---	---	---	---	244.718	244.604	244.436	---	---	---	---	1955
1957	---	---	---	---	---	---	---	243.754	243.724	---	---	---	---	1957
1958	243.677	243.786	243.885	---	---	---	---	---	---	---	---	---	---	1958
1959	243.180	243.118	243.198	243.185	243.185	---	---	243.004	242.957	242.878	242.930	243.080	---	1959
1960	---	---	243.359	243.447	---	---	243.283	243.206	---	243.081	242.980	242.896	---	1960
1961	242.806	242.631	242.462	---	---	242.688	242.492	242.654	---	242.473	242.408	---	---	1961
1962	---	---	---	---	---	242.351	---	242.348	242.371	242.342	---	---	---	1962
1963	---	---	242.502	---	242.698	242.634	242.880	242.957	242.881	242.658	242.567	---	---	1963
1964	---	---	---	242.729	---	---	242.458	242.382	242.318	242.243	242.254	---	---	1964
1965	---	---	---	---	---	242.480	242.435	---	242.427	---	---	---	---	1965
MEAN	243.215	243.148	243.077	243.120	243.942	242.530	243.011	243.111	243.161	242.685	242.626	242.893	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 42 00 N
LONG 98 33 00 W

LAKE ST. MARTIN AT SANDY BAY - STATION NO. 05LM003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	---	---	1954
1955	---	---	---	1955
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	242.849 ON DEC 31	1960
1961	---	---	---	1961
1962	---	---	---	1962
1983	---	242.974 ON AUG 11 *	242.482 ON JAN 18	1983
1984	---	242.791 ON MAY 5	242.325 ON OCT 27 *	1984
1985	---	---	---	1985

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ST. MARTIN NEAR HILBRE - STATION NO. 05LM005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	243.022	---	---	243.335	243.115	---	242.822	---	1966
1967	242.787	242.811	---	---	---	244.306	244.215	244.002	---	243.062	242.841	242.848	---	1967
1968	243.285	243.564	243.647	243.707	243.336	243.303	243.480	243.494	243.401	243.345	243.367	---	---	1968
1969	243.619	243.713	243.792	---	---	243.495	---	243.210	243.122	243.078	242.910	242.839	---	1969
1970	242.824	242.827	242.893	243.267	---	243.897	---	244.093	243.814	243.534	243.121	242.931	---	1970
1971	242.822	242.782	243.017	---	244.153	244.198	244.153	243.812	243.377	243.229	243.245	243.420	---	1971
1972	243.620	243.740	243.822	243.830	243.842	243.836	243.869	243.433	242.941	242.718	242.818	243.078	243.478	1972
1973	243.288	243.426	243.378	243.077	242.876	242.648	243.237	243.404	243.298	243.239	243.290	243.417	243.232	1973
1974	243.562	243.678	243.715	243.935	244.477	244.684	244.678	244.337	244.089	243.907	243.773	243.768	244.045	1974
1975	243.848	243.846	243.747	243.712	243.819	244.028	244.182	244.020	243.821	244.072	244.140	244.229	243.958	1975
1976	244.256	244.236	244.191	244.255	244.504	244.651	244.698	244.345	243.880	243.382	---	---	---	1976
1977	242.880	242.815	242.950	242.932	242.782	242.827	243.878	243.503	243.057	243.039	243.178	243.444	243.093	1977
1978	243.670	243.815	243.858	243.784	243.504	243.286	243.207	242.992	242.905	242.778	242.793	242.914	243.285	1978
1979	243.039	243.165	243.278	243.624	244.398	244.858	244.843	244.492	244.118	243.772	243.683	243.676	243.882	1979
1980	243.780	243.881	243.912	243.806	243.488	243.095	242.837	242.780	243.033	243.184	243.185	243.237	243.350	1980
1981	243.342	243.442	243.430	243.207	242.969	242.853	242.730	242.744	242.732	242.738	242.788	242.748	242.972	1981
1982	---	---	243.087	---	---	242.885	242.783	242.883	243.658	242.895	242.728	242.751	---	1982
1983	242.788	242.830	242.935	242.980	243.110	243.303	243.813	243.886	243.427	243.175	243.130	243.128	243.177	1983
MEAN	243.338	243.424	243.490	243.547	243.635	243.826	243.717	243.589	243.360	243.236	243.184	243.203	243.447	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 30 33 N
LONG 98 31 38 W REGULATED

LAKE ST. MARTIN NEAR HILBRE - STATION NO. 05LM005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1966	---	---	---	1966
1967	---	244.437 ON JUN 10	242.773 ON JAN 18	1967
1968	---	243.895 ON MAR 23	243.060 ON JAN 1	1968
1969	---	243.803 ON MAR 17	242.819 ON DEC 30	1969
1970	---	244.242 ON AUG 3	242.816 ON JAN 12	1970
1971	---	244.291A ON MAY 17	242.785A ON FEB 21	1971
1972	244.154 AT 0113 CST ON JUN 15	244.087 ON JUL 1	242.838 ON OCT 19	1972
1973	243.589 AT 1847 CST ON JUL 29	243.550 ON AUG 9	242.712 ON JUN 7	1973
1974	244.882 AT 2026 CST ON JUN 13	244.764 ON JUN 15	243.486 ON JAN 1	1974
1975	244.404 AT 1836 CST ON JUL 7	244.291 ON JUL 7	243.675 ON SEP 8	1975
1976	244.843 AT 2320 CST ON JUN 14	244.738 ON JUN 17	242.883 ON DEC 28	1976
1977	243.953 AT 1945 CST ON JUL 30	243.819 ON JUL 31	242.833 ON JUN 9	1977
1978	---	243.889 ON MAR 8	242.897 ON OCT 18	1978
1979	244.885 AT 2115 CST ON JUN 21 *	244.785 ON JUN 21 *	242.977 ON JAN 1	1979
1980	243.933 AT 1550 CST ON MAR 27	243.824 ON MAR 26	242.873 ON AUG 18	1980
1981	---	243.489A ON FEB 27	242.818 ON OCT 3	1981
1982	243.245 AT 1112 CST ON APR 24	243.237 ON APR 23	242.543 ON SEP 25 *	1982
1983	243.803 AT 0224 CST ON AUG 28	243.724 ON AUG 5	242.787 ON JAN 3	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT ANAMA BAY - STATION NO. 05SF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	29.312	---	---	---	1960
1961	29.021	---	---	---	---	29.263	29.175	29.070	28.895	28.801	28.888	---	---	1961
1962	---	28.897	28.730	28.773	28.983	29.209	29.387	29.414	29.497	29.472	29.319	29.258	---	1962
1963	29.246	29.246	29.233	29.274	29.492	29.586	29.643	29.645	29.533	29.390	29.255	29.133	29.391	1963
1964	29.136	---	29.155	29.189	29.370	29.307	29.397	29.461	29.304	---	29.268	---	---	1964
1965	29.228	29.194	29.178	29.242	29.713	30.048	30.230	30.272	30.080	30.030	29.854	29.888	29.758	1965
1966	29.926	29.944	29.966	30.088	30.389	30.588	30.758	30.670	30.467	30.208	30.038	29.990	30.253	1966
1967	29.958	29.958	29.925	30.003	30.180	30.215	30.148	30.050	29.788	29.570	29.517	29.514	29.899	1967
1968	29.516	29.555	29.538	29.541	29.584	29.553	29.761	29.735	29.672	29.712	29.757	---	---	1968
1969	---	30.063	30.093	30.098	30.183	30.248	30.162	30.184	30.273	30.228	30.167	30.163	---	1969
1970	30.146	30.158	30.180	30.236	30.323	30.391	30.420	30.388	30.144	30.057	29.948	30.006	30.200	1970
1971	30.052	30.094	30.141	30.228	30.362	30.318	30.244	30.055	29.793	---	29.742	29.774	---	1971
1972	29.947	30.007	30.060	---	30.317	---	---	30.003	29.820	29.707	29.558	29.579	---	1972
MEAN	29.618	29.692	29.656	29.667	29.896	29.882	29.937	29.907	29.769	29.680	29.602	29.702	29.900	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 59 48 N
LONG 96 03 26 W

LAKE WINNIPEG AT ANAMA BAY - STATION NO. 05SF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	29.947A ON NOV 3	28.505A ON JAN 9 *	1962
1963	---	29.681A ON MAY 20	28.944A ON NOV 24	1963
1964	---	---	---	1964
1965	---	30.858 ON NOV 3	29.151 ON FEB 15	1965
1966	---	31.093 ON AUG 17 *	29.895 ON JAN 2	1966
1967	---	30.535 ON JUL 2	28.718 ON OCT 28	1967
1968	---	30.831 ON JUL 21	29.358 ON MAY 20	1968
1969	---	30.888 ON JUN 11	29.922 ON MAY 22	1969
1970	---	30.899 ON JUL 3	29.593 ON NOV 24	1970
1971	---	30.785 ON MAY 28	29.316 ON NOV 22	1971
1972	---	30.809 ON JUN 14	29.080 ON SEP 14	1972

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT BERENS RIVER - STATION NO. 05RD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	217.325	217.412	217.476	217.490	217.322	217.280	---	---	---	1914
1915	217.116	217.084	217.015	217.008	217.052	217.104	217.195	217.245	217.285	217.300	217.190	217.194	217.150	1915
1916	217.151	217.116	217.088	217.089	217.361	217.654	217.879	217.994	218.075	---	---	---	---	1916
1917	217.825	217.773	217.736	217.740	217.788	---	217.873	217.878	217.819	217.723	217.583	217.542	---	1917
1918	217.506	217.450	217.394	217.367	217.419	217.498	217.535	217.585	217.519	217.355	217.286	217.267	217.433	1918
1919	217.182	217.149	---	217.142	---	---	---	---	217.173	217.119	217.059	217.053	---	1919
1920	217.038	217.015	217.018	---	217.211	217.404	217.467	217.462	217.438	---	217.297	---	---	1920
1921	217.013	216.975	---	217.045	217.120	217.337	217.471	217.484	217.474	217.389	217.270	---	---	1921
1922	217.240	217.214	217.210	217.217	217.415	217.630	217.698	217.690	217.590	217.471	217.353	217.183	217.408	1922
1923	---	217.027	217.027	217.101	217.348	217.451	---	---	---	217.500	217.389	217.295	---	1923
1924	217.216	217.204	217.155	217.182	217.250	217.273	217.324	217.328	---	---	217.205	217.111	---	1924
1925	217.046	217.027	217.028	217.078	217.178	217.381	217.586	217.635	217.650	217.490	217.415	217.371	217.317	1925
1926	217.301	217.271	217.225	217.188	217.242	217.270	---	---	217.240	217.237	217.286	217.342	---	1926
1927	217.376	217.357	217.355	217.486	217.800	218.205	218.440	218.491	218.524	218.479	218.485	218.315	218.028	1927
1928	218.002	217.938	217.889	217.880	217.873	217.898	217.976	218.152	218.098	217.887	217.832	217.687	217.892	1928
1929	217.412	217.408	217.386	217.382	217.405	217.455	217.381	217.364	217.127	217.044	216.875	216.784	217.252	1929
1930	216.765	216.765	216.797	216.803	216.875	216.975	217.105	217.053	216.990	216.831	216.707	216.784	216.832	1930
1931	216.787	216.764	216.887	216.713	216.698	216.718	216.758	216.712	216.758	216.700	216.669	216.592	216.714	1931
1932	216.680	216.615	216.630	216.649	216.639	216.759	216.909	216.937	216.884	216.704	216.666	216.696	216.693	1932
1933	216.721	216.733	216.772	216.812	217.006	217.141	217.229	217.226	217.129	216.963	216.810	216.809	216.954	1933
1934	216.954	216.963	217.002	216.977	217.229	217.406	217.541	---	217.480	217.421	217.343	217.310	---	1934
1935	217.280	217.231	217.219	217.293	217.363	217.472	217.563	217.539	217.478	217.421	217.376	217.388	217.385	1935
1936	217.328	217.319	217.325	217.364	217.488	217.657	217.688	217.545	217.404	217.259	217.098	217.071	217.379	1936
1937	217.044	216.995	216.985	216.988	217.141	217.277	217.316	217.281	217.210	217.037	216.987	216.967	217.104	1937
1938	216.987	216.983	216.943	216.953	217.098	217.303	217.484	217.533	217.373	217.221	217.035	216.979	217.154	1938
1939	216.955	216.957	216.954	216.942	216.862	216.959	217.082	217.052	216.980	216.797	216.733	216.740	216.914	1939
1940	216.867	216.864	216.838	216.855	216.827	216.871	216.843	216.570	216.488	216.384	216.321	216.218	216.545	1940
1941	216.278	216.298	216.304	216.349	216.506	216.542	216.556	216.491	216.419	216.417	216.528	216.635	216.445	1941
1942	216.716	216.761	216.794	216.912	217.044	217.131	217.178	217.215	217.235	217.188	217.118	217.092	217.033	1942
1943	217.073	217.062	217.083	217.126	217.336	217.581	217.775	217.859	217.784	217.613	217.503	217.431	217.437	1943
1944	217.343	217.291	217.265	217.245	217.232	217.276	217.458	217.561	217.586	217.540	217.407	217.394	217.382	1944
1945	217.345	217.318	217.310	217.459	217.627	217.731	217.856	217.821	217.678	217.585	217.483	217.468	217.555	1945
1946	217.449	217.400	217.398	217.482	217.607	217.671	217.729	217.689	217.570	217.467	217.419	217.328	217.520	1946
1947	217.312	217.339	217.341	217.359	217.589	217.805	218.087	218.105	217.984	217.792	217.719	217.604	217.670	1947
1948	217.532	217.501	217.470	217.470	217.692	217.864	217.976	217.976	217.868	217.643	217.410	217.358	217.648	1948
1949	217.308	217.282	217.272	217.280	217.379	217.381	217.386	217.319	217.208	217.125	217.133	217.094	217.284	1949
1950	217.185	217.208	217.203	217.233	217.557	218.058	218.335	218.488	218.406	218.307	218.180	218.024	217.849	1950
1951	217.826	217.884	217.838	217.835	---	---	218.126	218.058	217.954	217.888	217.787	217.718	---	1951
1952	217.683	217.664	217.637	217.646	217.747	217.813	217.873	217.814	217.812	217.720	217.587	217.484	217.703	1952
1953	217.407	217.383	217.345	217.347	217.383	217.566	217.881	217.988	218.018	217.818	217.688	217.622	217.618	1953
1954	217.884	217.844	217.809	217.815	217.848	217.922	218.240	218.338	218.289	218.282	218.226	218.187	217.941	1954
1955	218.112	218.048	218.028	218.028	218.226	218.374	218.481	218.408	218.318	218.051	217.883	217.788	218.144	1955
1956	217.745	---	217.879	217.884	---	---	---	218.204	218.040	217.858	217.814	217.685	---	1956
1957	217.652	217.603	217.581	217.577	217.694	217.837	217.880	217.858	217.786	217.638	217.405	217.352	217.646	1957
1958	217.332	---	217.302	217.312	217.336	217.343	217.381	217.351	217.247	217.104	217.070	---	---	1958
1959	---	---	---	---	217.405	217.672	217.834	217.888	217.798	217.661	---	217.641	---	1959
1960	---	---	---	---	217.791	217.890	217.853	217.730	217.598	217.639	---	---	---	1960
1961	---	---	---	---	217.277	217.264	217.161	217.086	---	---	---	---	---	1961
1962	---	---	---	---	---	217.189	217.352	217.386	---	---	---	---	---	1962
1963	---	---	---	---	---	217.583	217.678	---	---	---	---	---	---	1963
1964	---	---	---	---	217.415	217.435	217.527	---	---	---	---	---	---	1964
1965	---	---	---	---	---	218.071	218.256	218.259	218.136	218.021	217.912	217.928	---	1965
1966	217.938	---	---	218.060	---	---	---	---	---	218.159	217.966	217.918	---	1966
1967	217.804	217.846	217.853	218.023	218.207	218.248	---	---	217.804	217.595	217.518	---	---	1967
1968	---	---	---	217.519	217.571	217.593	217.687	217.737	217.759	217.716	217.695	---	---	1968
1969	---	---	---	---	---	218.249	---	---	218.211	218.217	---	218.174	---	1969
1970	218.176	218.203	218.218	218.192	218.339	218.434	218.517	218.413	218.194	218.052	217.969	218.021	218.228	1970
1971	218.078	218.122	218.163	218.237	218.350	218.312	218.244	218.047	217.834	217.696	217.691	217.763	218.043	1971
1972	217.839	217.916	218.001	218.122	218.326	218.316	218.177	218.015	217.851	217.703	---	---	---	1972
1973	---	---	217.693	217.718	217.630	217.595	217.682	217.619	217.556	217.542	---	---	---	1973
1974	---	217.806	217.887	217.989	---	---	218.906	218.763	218.572	218.390	---	218.178	---	1974
1975	218.214	218.248	218.288	218.303	218.348	218.385	---	---	218.386	218.187	217.984	---	---	1975
1976	---	217.882	217.907	217.988	218.016	---	---	---	---	217.241	---	---	---	1976
1977	216.932	216.945	216.950	216.908	---	216.935	216.929	216.916	216.891	216.988	---	217.078	---	1977
1978	217.140	217.186	217.206	217.342	217.513	217.616	217.736	217.796	217.770	217.781	217.807	217.816	217.936	1978
1979	217.812	217.818	217.881	217.861	217.791	218.107	218.081	217.880	217.798	217.681	217.577	217.469	217.727	1979
1980	217.458	217.495	217.502	217.509	217.581	217.668	217.810	217.818	217.800	217.533	217.414	217.350	217.518	1980
1981	217.300	217.244	217.185	217.191	---	---	---	217.436	217.378	217.308	217.228	217.136	---	1981
1982	217.188	217.188	217.212	217.272	217.420	217.592	217.738	217.768	217.644	217.534	217.434	217.395	217.450	1982
1983	217.351	217.388	217.454	217.534	217.804	217.720	217.858	217.822	217.692	217.518	217.380	217.371	217.558	1983
MEAN	217.332	217.315	217.333	217.371	217.457	217.584	217.680	217.659	217.608	217.503	217.382	217.368	217.412	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 21 20 N
LONG 97 00 15 W REGULATED SINCE 1976

LAKE WINNIPEG AT BERENS RIVER - STATION NO. 05RD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	217.804 ON AUG 8	---	1914
1915	---	217.833 ON NOV 12	216.926 ON APR 1	1915
1916	---	218.407 ON JUL 23	217.051 ON MAR 28	1916
1917	---	---	---	1917
1918	---	217.789 ON JUN 20	216.947 ON OCT 21	1918
1919	---	---	---	1919
1920	---	217.575 ON SEP 14	---	1920
1921	---	217.550 ON JUN 17	---	1921
1922	---	217.834 ON JUL 30	217.027 ON DEC 20	1922
1923	---	---	---	1923
1924	---	217.423 ON AUG 8	217.027 ON OCT 10	1924
1925	---	217.781 ON OCT 5	217.024 ON MAR 17	1925
1926	---	---	---	1926
1927	---	216.784 ON AUG 7	217.335 ON MAR 18	1927
1928	---	218.249 ON SEP 18	217.428 ON DEC 25	1928
1929	---	217.517 ON JUN 12	216.765 ON SEP 15	1929
1930	---	217.386 ON JUL 27	216.486 ON SEP 20	1930
1931	---	217.060 ON SEP 19	216.512 ON MAY 17	1931
1932	---	217.457 ON SEP 1	216.435 ON MAR 12	1932
1933	---	217.380 ON SEP 19	216.451 ON OCT 25	1933
1934	---	---	216.908 ON JAN 1	1934
1935	---	218.051 ON JUN 25	217.138 ON MAR 1	1935
1936	---	217.822 ON JUN 13	216.984 ON SEP 13	1936
1937	---	217.411 ON AUG 14	216.816 ON NOV 23	1937
1938	---	217.578 ON JUL 15	216.573 ON NOV 1	1938
1939	---	217.386 ON JUL 13	216.542 ON OCT 22	1939
1940	---	217.091 ON JUN 19	216.115 ON DEC 5	1940
1941	---	216.938 ON NOV 25	216.054 ON OCT 10 *	1941
1942	---	217.472 ON OCT 20	216.564 ON JAN 12	1942
1943	---	218.097 ON AUG 13	217.045 ON JAN 29	1943
1944	---	217.883 ON AUG 11	217.152 ON JUN 2	1944
1945	---	218.127 ON AUG 1	217.289 ON FEB 23	1945
1946	---	217.944 ON JUL 23	217.258 ON DEC 23	1946
1947	---	218.356 ON AUG 26	217.289 ON JAN 4	1947
1948	---	218.417 ON JUL 30	217.271 ON DEC 2	1948
1949	---	217.880 ON OCT 29	216.893 ON OCT 6	1949
1950	---	218.728 ON AUG 22	217.143 ON JAN 1	1950
1951	---	---	---	1951
1952	---	218.181 ON JUL 29	217.423 ON DEC 26	1952
1953	---	218.561 ON SEP 4	217 051 ON MAY 10	1953
1954	---	218.813 ON OCT 4	217.490 ON APR 3	1954
1955	---	218.709 ON SEP 5	217.594 ON NOV 10	1955
1956	---	---	---	1956
1957	---	218.139 ON AUG 2	217.284 ON NOV 22	1957
1958	---	217.839 ON AUG 5	216 957 ON NOV 7	1958
1959	---	218.005 ON SEP 7	217.048A ON JAN 4	1959
1960	---	217.935 ON JUN 28	217.185A ON DEC 16	1960
1961	---	217.350 ON MAY 11	216.624A ON NOV 9	1961
1962	---	---	216.665A ON FEB 13	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	218.803 AT 0810 CST ON AUG 14	218.420 ON AUG 14	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	218.035 ON SEP 24	---	1969
1970	218.832 AT 0738 CST ON AUG 2	218.839 ON AUG 2	217.774 ON NOV 24	1970
1971	218.876 AT 0400 CST ON JUL 8	218.475 ON JUL 8	217 514 ON NOV 22	1971
1972	218.676 AT 1040 CST ON JUN 14	218.459 ON JUN 14	---	1972
1973	218.108 AT 0758 CST ON SEP 5	217.886 ON SEP 5	---	1973
1974	219.279 AT 0830 CST ON JUL 26 *	219.099 ON JUL 26 *	---	1974
1975	218.778 AT 1355 CST ON JUL 7	218.529 ON JUL 7	217.780 ON NOV 26	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	218.325 AT 1310 CST ON AUG 18	218.008 ON AUG 18	217.097 ON JAN 5	1978
1979	218.458 AT 0107 CST ON JUN 13	218.184 ON JUN 26	217.406 ON DEC 12	1979
1980	218.434 AT 0051 CST ON SEP 16	217.947 ON AUG 21	217.316 ON NOV 17	1980
1981	---	---	---	1981
1982	218.278 AT 1011 CST ON AUG 26	217.908 ON AUG 26	217.135 ON JAN 14	1982
1983	218.658 AT 0901 CST ON AUG 19	218.185 ON AUG 19	217.274 ON NOV 16	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT GEORGE ISLAND - STATION NO. 05REC03

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	217.388	217.449	217.528	217.581	217.709	217.807	---	---	---	---	---	---	1983
MEAN	---	217.388	217.449	217.528	217.581	217.709	217.807	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 49 00 N
LONG 97 37 20 W REGULATED

LAKE WINNIPEG AT GIMLI - STATION NO. 05SB005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	218.824	218.448	218.243	218.005	217.878	---	1966
1967	217.959	217.935	217.913	218.003	218.181	218.232	218.178	218.022	217.870	217.559	217.523	217.504	217.890	1967
1968	217.503	217.538	217.515	217.510	217.537	217.617	217.734	217.785	217.726	217.766	217.898	217.808	217.652	1968
1969	217.895	217.973	217.999	218.073	218.278	218.321	218.200	218.268	218.185	218.225	218.212	218.148	218.149	1969
1970	218.189	218.180	218.200	218.209	218.388	218.430	218.484	218.392	218.182	218.088	217.998	218.018	218.229	1970
1971	218.058	218.110	218.155	218.247	218.385	218.311	218.285	218.028	217.812	217.711	217.891	217.767	218.043	1971
1972	217.870	217.841	218.018	218.128	218.349	218.302	218.208	218.010	217.884	217.883	217.575	217.588	217.961	1972
1973	217.628	217.661	217.701	217.742	217.881	217.824	217.678	217.641	217.810	217.887	217.648	217.877	217.857	1973
1974	217.732	217.831	217.899	218.018	218.461	218.818	218.957	218.788	218.618	218.364	218.257	218.211	218.328	1974
1975	218.258	218.283	218.325	218.358	218.417	218.430	218.483	218.469	218.368	218.198	217.978	217.826	218.281	1975
1976	217.813	217.803	217.823	218.005	218.052	217.937	217.608	217.603	217.424	217.205	217.092	216.862	217.851	1976
1977	216.867	216.973	216.958	216.806	216.913	216.952	216.893	216.863	216.927	216.946	217.028	217.092	216.967	1977
1978	217.181	217.188	217.204	217.351	217.517	217.633	217.750	217.628	217.788	217.778	217.710	217.654	217.550	1978
1979	217.617	217.634	217.611	217.606	217.699	218.101	218.058	217.861	217.812	217.722	217.650	217.440	217.756	1979
1980	217.481	217.488	217.523	217.543	217.637	217.623	217.628	217.831	217.576	217.602	217.417	217.365	217.542	1980
1981	217.301	217.250	217.184	217.189	217.244	217.305	217.384	217.443	217.382	217.281	217.207	217.139	217.271	1981
1982	217.186	217.204	217.228	217.288	217.446	217.641	217.717	217.771	217.647	217.578	217.484	217.391	217.485	1982
1983	217.366	217.389	217.455	217.516	217.622	217.702	217.628	217.746	217.637	217.500	217.356	217.356	217.541	1983
MEAN	217.648	217.676	217.695	217.747	217.888	217.942	217.980	217.934	217.815	217.723	217.639	217.615	217.781	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 37 50 N
LONG 96 58 58 W REGULATED SINCE 1975

LAKE WINNIPEG AT GIMLI - STATION NO. 05SB005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1966	218.382 AT 0500 CST ON SEP 5	218.133 ON SEP 5	---	1966
1967	---	218.621 ON JUL 12	218.895 ON NOV 23	1967
1968	218.386 AT 1455 CST ON JUL 1	218.270 ON MAY 18	217.042A ON NOV 13	1968
1969	219.133 AT 1044 CST ON NOV 14	218.936 ON NOV 14	217.867 ON SEP 18	1969
1970	219.273 AT 0153 CST ON OCT 3	218.847 ON OCT 3	217.842 ON OCT 18	1970
1971	218.764 AT 1856 CST ON JUL 25	218.578 ON AUG 1	217.218 ON NOV 22	1971
1972	218.888 AT 2211 CST ON JUN 19	218.879 ON JUN 18	217.332 ON OCT 31	1972
1973	218.423 AT 1800 CST ON SEP 5	218.130 ON SEP 5	216.917 ON OCT 29	1973
1974	219.477 AT 2305 CST ON JUL 28 *	219.362 ON JUL 28 *	217.670 ON JAN 4	1974
1975	218.868 AT 0535 CST ON AUG 17	218.810 ON AUG 17	217.514 ON NOV 14	1975
1976	218.471 AT 2241 CST ON JUN 14	218.377 ON MAY 2	216.852 ON OCT 27	1976
1977	---	217.719A ON NOV 21	216.468 ON AUG 25 *	1977
1978	218.312 AT 0800 CST ON OCT 12	218.187 ON OCT 12	217.068 ON JAN 1	1978
1979	218.648 ON JUN 21	218.495 ON JUN 21	217.363 ON OCT 28	1979
1980	218.186 AT 1035 CST ON SEP 9	218.088 ON SEP 9	217.085 ON NOV 18	1980
1981	218.124 AT 1830 CST ON SEP 27	217.878 ON OCT 18	216.718 ON NOV 30	1981
1982	218.487 AT 2214 CST ON AUG 8	218.250 ON AUG 8	217.090 ON NOV 18	1982
1983	218.303 AT 2038 CST ON JUL 4	218.188 ON JUL 4	216.634 ON NOV 4	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT MATHESON ISLAND LANDING - STATION NO. 05SD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	217.773	---	---	---	---	1959
1960	---	---	---	---	---	217.696	217.873	217.764	217.605	217.440	---	---	---	1960
1961	217.202	217.188	217.200	217.192	217.235	217.247	---	217.054	216.926	216.767	216.878	216.884	---	1961
1962	216.711	---	216.785	216.836	217.027	---	---	---	---	217.381	---	217.253	---	1962
1963	---	---	---	217.317	217.460	217.552	217.635	217.627	217.440	217.312	---	---	---	1963
1964	217.123	217.128	---	217.188	217.381	217.408	217.462	217.428	217.318	217.213	---	---	---	1964
1965	---	217.218	---	---	217.722	218.011	218.227	218.197	---	---	---	---	---	1965
1966	---	---	---	---	---	218.656	218.737	218.611	218.452	---	---	---	---	1966
1967	217.958	217.942	217.822	217.894	218.158	218.226	218.187	218.033	217.747	---	217.527	217.484	---	1967
1968	217.476	217.507	217.479	217.484	217.578	217.599	217.718	217.741	---	---	---	---	---	1968
1969	---	---	---	---	218.211	218.250	218.180	218.255	218.182	---	218.198	218.142	---	1969
1970	218.151	218.177	218.188	218.188	218.333	218.413	218.482	218.378	218.173	218.034	217.981	218.003	218.208	1970
1971	---	---	218.087	218.208	218.335	218.301	218.264	---	217.829	217.695	217.684	217.758	---	1971
1972	217.836	217.814	217.883	218.108	218.320	218.298	218.182	218.002	217.833	217.673	217.881	217.671	217.941	1972
1973	217.614	217.645	217.688	217.724	217.845	217.898	217.883	217.833	217.678	217.672	217.606	217.650	217.837	1973
1974	217.705	217.791	217.868	217.978	218.409	218.777	218.919	218.740	218.578	218.357	218.193	218.200	218.298	1974
1975	218.228	218.262	218.286	218.321	218.381	218.408	---	---	218.350	218.181	217.957	217.889	---	1975
1976	217.870	---	---	217.983	218.000	217.814	217.782	217.584	---	---	217.042	216.923	---	1976
1977	216.935	216.846	216.939	216.800	216.900	216.838	216.881	216.848	216.908	216.864	217.000	217.089	216.950	1977
1978	217.131	217.167	217.183	217.321	217.506	217.619	217.747	217.610	217.758	217.774	217.893	217.833	217.631	1978
1979	---	---	217.586	217.582	217.881	218.078	218.030	217.843	217.777	217.678	---	---	---	1979
1980	---	---	217.478	217.488	217.578	217.598	217.821	217.635	217.578	217.611	---	---	---	1980
1981	---	---	217.182	217.174	217.174	217.270	217.381	217.420	217.388	217.217	---	---	---	1981
1982	---	---	---	---	217.428	217.588	217.723	217.748	217.618	217.494	---	---	---	1982
1983	---	---	---	---	---	217.715	217.851	217.814	217.708	217.585	---	---	---	1983
MEAN	217.534	217.574	217.593	217.608	217.745	217.885	217.935	217.823	217.738	217.646	217.592	217.558	217.761	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 44 00 N
LONG 96 54 00 W REGULATED SINCE 1975

LAKE WINNIPEG AT MATHESON ISLAND LANDING - STATION NO. 05SD002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	216.480 ON NOV 6 *	1961
1962	218.090 AT 0030 CST ON OCT 16	217.638 ON OCT 16	---	1962
1963	---	217.888 ON AUG 26	216.858 ON NOV 2	1963
1964	218.225 AT 0230 CST ON AUG 7	217.886 ON AUG 7	216.908 ON SEP 30	1964
1965	---	---	---	1965
1966	219.255 AT 2015 CST ON SEP 4 *	218.947 ON SEP 4	---	1966
1967	---	218.392 ON JUN 21	---	1967
1968	218.511 AT 1945 CST ON AUG 13	218.038 ON AUG 13	217.428 ON JUN 28	1968
1969	218.987 AT 2027 CST ON AUG 13	218.734 ON AUG 14	---	1969
1970	218.984 AT 1122 CST ON AUG 2	218.752 ON AUG 2	217.884 ON NOV 24	1970
1971	218.734 AT 1244 CST ON MAY 29	218.490 ON JUL 25	---	1971
1972	218.700 AT 0446 CST ON JUN 18	218.490 ON JUN 19	217.420 ON OCT 9	1972
1973	218.228 AT 1045 CST ON SEP 5	218.038 ON SEP 5	217.313 ON SEP 13	1973
1974	219.240 AT 0236 CST ON JUL 28	219.183 ON JUL 27 *	217.884 ON JAN 1	1974
1975	---	---	217.743 ON NOV 26	1975
1976	---	---	---	1976
1977	217.719 AT 0329 CST ON NOV 21	217.389 ON NOV 21	216.812 ON NOV 12	1977
1978	218.343 AT 1330 CST ON AUG 2	218.100 ON AUG 2	217.078E ON JAN 1	1978
1979	218.378 AT 2140 CST ON JUL 15	218.186 ON JUL 15	---	1979
1980	218.331 AT 1130 CST ON AUG 21	217.977 ON AUG 21	---	1980
1981	218.141 AT 0803 CST ON JUN 18	217.723 ON SEP 27	---	1981
1982	218.125 AT 0442 CST ON AUG 8	218.005 ON AUG 8	---	1982
1983	218.442 AT 1026 CST ON AUG 19	218.138 ON AUG 19	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT MISSION POINT - STATION NO. 05SC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	217.978	---	---	---	---	---	1953
1955	---	---	---	---	---	218.371	218.538	---	---	---	---	---	---	1955
1958	---	---	---	---	---	218.109	218.208	218.182	218.020	---	---	---	---	1958
1957	---	---	---	---	---	---	217.954	217.910	217.730	---	---	---	---	1957
1958	---	---	---	---	---	---	---	217.413	217.389	217.283	217.201	---	---	1958
1959	---	---	---	---	---	217.713	217.872	217.868	217.758	---	---	---	---	1959
1960	---	---	---	---	---	217.586	217.530	217.455	---	---	---	---	---	1960
1961	---	---	---	---	---	217.226	217.180	217.084	216.908	---	---	---	---	1961
1963	---	---	---	---	---	---	217.888	217.743	---	---	---	---	---	1963
1964	---	---	---	---	---	217.467	217.526	---	---	---	---	---	---	1964
1966	---	---	---	---	---	---	---	218.643	218.424	---	---	---	---	1966
1967	---	---	---	---	---	---	218.218	---	---	---	---	---	---	1967
1969	---	---	---	---	---	---	---	---	---	---	218.118	218.155	---	1969
1970	---	218.188	218.193	218.178	218.325	218.445	218.509	---	---	217.945	---	---	---	1970
1971	---	---	---	---	218.360	218.334	218.201	218.101	---	217.878	---	---	---	1971
1972	---	---	---	218.138	218.325	218.331	218.171	218.036	217.831	217.672	217.625	217.595	---	1972
1973	217.854	217.874	217.715	217.713	217.642	217.635	217.726	217.868	217.571	---	---	217.678	---	1973
1974	217.749	217.826	217.891	218.007	218.422	218.787	218.907	218.781	218.600	218.440	218.286	218.262	218.333	1974
1975	218.259	218.291	218.309	218.321	218.398	218.445	218.462	218.502	---	---	217.984	---	---	1975
1976	---	217.898	---	---	---	217.909	217.811	---	217.398	217.196	217.082	---	---	1976
1977	---	216.872	216.870	216.930	216.945	216.951	216.957	216.923	216.933	217.011	216.996	217.075	---	1977
1978	217.183	217.200	217.234	217.358	217.531	217.636	---	217.812	217.843	217.788	217.680	217.659	---	1978
1979	217.644	217.643	217.626	217.609	217.884	218.118	218.087	217.858	217.792	217.677	217.514	217.505	217.748	1979
1980	217.478	217.514	217.518	217.505	217.808	217.811	---	---	217.847	217.525	217.314	217.332	---	1980
1981	---	217.278	217.211	217.203	---	---	---	217.478	217.425	217.380	217.251	---	---	1981
1982	---	217.251	217.275	217.332	---	---	217.784	217.814	217.883	217.813	217.465	217.436	---	1982
1983	217.411	217.433	217.498	217.587	217.625	217.758	217.858	217.800	217.889	217.498	---	---	---	1983
MEAN	217.622	217.587	217.586	217.655	217.815	217.912	217.933	217.852	217.879	217.585	217.574	217.632	218.041	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 53 11 00 N
LONG 99 13 30 W REGULATED SINCE 1975

LAKE WINNIPEG AT MISSION POINT - STATION NO. 05SG001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1953	---	---	---	1953
1955	---	---	---	1955
1956	---	218.359 ON SEP 3	217.633 ON DEC 30	1956
1957	---	218.121 ON AUG 25	217.350A ON DEC 1	1957
1958	---	217.630 ON JUL 5	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	---	---	1964
1966	---	---	---	1966
1967	---	---	---	1967
1969	---	---	---	1969
1970	219.008 AT 0115 CST ON JUL 1	218.642 ON JUL 22	---	1970
1971	218.786 AT 1200 CST ON JUL 7	218.453 ON JUN 10	---	1971
1972	218.551 AT 1115 CST ON JUN 13	218.426 ON JUN 17	217.322 ON OCT 18	1972
1973	218.343 AT 0823 CST ON SEP 13	217.887 ON SEP 13	217.204 ON SEP 5	1973
1974	219.261 AT 1830 CST ON JUL 11 *	219.083 ON JUL 11 *	217.706 ON JAN 9	1974
1975	219.026 AT 0504 CST ON AUG 9	218.657 ON AUG 8	217.752 ON NOV 23	1975
1976	---	---	---	1976
1977	217.594 AT 0810 CST ON AUG 10	217.288 ON NOV 12	---	1977
1978	218.151 AT 0803 CST ON SEP 18	217.887 ON SEP 6	217.106 ON JAN 4	1978
1979	218.329 AT 0848 CST ON JUN 13	218.225 ON JUN 24	217.151 ON NOV 1	1979
1980	218.061 AT 1714 CST ON AUG 28	217.924 ON AUG 28	---	1980
1981	217.932 AT 1411 CST ON OCT 2	217.740 ON OCT 2	---	1981
1982	218.101 AT 0803 CST ON JUL 17	218.003 ON AUG 12	217.088 ON NOV 21 *	1982
1983	218.157 AT 1136 CST ON SEP 27	217.930 ON JUL 23	217.127A ON NOV 24	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1958 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT MONTREAL POINT - STATION NO. 05RF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	218.234	218.207	218.172	218.151	218.176	---	1969
1970	---	---	---	218.198	218.334	218.439	218.527	218.411	218.178	218.008	217.954	218.018	---	1970
1971	---	---	---	218.238	---	---	---	---	---	---	217.822	217.783	---	1971
1972	217.889	217.861	218.003	218.122	218.317	218.318	218.189	217.987	---	217.648	217.584	217.590	---	1972
1973	217.847	217.853	217.874	217.882	217.892	217.520	---	217.889	217.532	---	---	---	---	1973
1974	---	---	217.878	---	---	---	---	---	---	---	---	---	---	1974
1975	---	218.266	218.315	218.327	---	---	---	---	---	---	217.989	217.871	---	1975
1976	---	---	---	---	---	217.873	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	218.931	218.918	218.888	218.850	217.053	---	---	---	1977
1978	---	---	---	---	---	217.818	---	217.787	---	---	---	---	---	1978
1980	---	---	---	---	---	217.805	217.848	217.801	---	---	217.419	217.348	---	1980
1981	217.288	217.256	217.187	217.178	217.188	217.258	217.410	217.430	217.377	---	---	---	---	1981
1982	---	---	---	---	---	217.802	217.733	217.738	217.640	217.532	217.413	217.400	---	1982
1983	217.387	217.387	217.448	217.525	217.589	217.703	217.805	217.783	217.683	217.560	217.362	---	---	1983
MEAN	217.550	217.701	217.751	217.896	217.800	217.887	217.744	217.752	217.638	217.662	217.684	217.741	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 37 30 N
LONG 97 50 40 W REGULATED SINCE 1976

LAKE WINNIPEG AT MONTREAL POINT - STATION NO. 05RF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	218.999 AT 2154 CST ON JUN 30 *	218.651 ON JUL 22 *	---	1970
1971	---	---	---	1971
1972	---	218.435 ON JUN 17	---	1972
1973	217.978 AT 0428 CST ON AUG 25	217.953 ON OCT 28	217.350 ON SEP 14	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	217.889 AT 1339 CST ON NOV 12	217.824 ON NOV 12	---	1977
1978	---	---	---	1978
1980	---	217.812 ON AUG 28	---	1980
1981	218.008 AT 1350 CST ON OCT 2	217.762 ON OCT 2	216.916 ON SEP 27 *	1981
1982	218.039 AT 1531 CST ON AUG 12	217.860 ON AUG 12	---	1982
1983	218.424 AT 0930 CST ON SEP 17	218.058 ON SEP 17	217.020 ON NOV 25	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT PINE DOCK - STATION NO. 05SD001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	217.318	217.335	217.314	217.188	217.155	217.131	---	---	1958
1959	217.085	217.070	217.065	217.050	217.401	217.678	217.600	217.759	217.758	217.644	---	---	---	1959
1960	217.586	217.531	217.531	217.582	217.761	217.871	217.843	217.730	217.589	---	217.269	---	---	1960
1961	---	217.137	217.182	217.117	217.218	217.239	217.200	217.057	216.898	216.751	216.670	---	---	1961
1962	216.685	216.704	216.715	216.746	216.854	217.185	217.343	217.384	217.426	217.396	---	217.252	---	1962
1963	217.229	217.234	217.220	---	217.421	---	---	217.552	---	217.318	---	---	---	1963
1964	---	217.111	---	217.184	217.353	217.390	217.454	217.444	217.335	217.288	217.268	217.259	---	1964
1965	217.249	217.215	217.235	217.329	217.698	217.985	218.189	218.208	218.108	217.993	---	---	---	1965
1966	---	---	---	---	---	218.595	218.724	218.599	---	218.191	---	---	---	1966
1967	217.940	---	---	---	218.182	218.212	218.187	218.014	217.725	217.578	217.511	217.481	---	1967
1968	217.484	217.485	217.485	---	---	217.580	217.707	217.736	217.738	217.724	217.705	---	---	1968
1969	217.675	217.948	217.882	218.056	218.235	218.265	218.197	218.484	218.189	218.204	218.182	218.143	218.131	1969
1970	218.144	---	---	218.182	218.343	218.411	218.487	218.387	---	218.048	217.980	---	---	1970
1971	---	218.099	218.134	218.217	218.332	218.285	218.235	---	---	---	217.875	217.748	---	1971
1972	217.838	217.812	217.864	218.086	218.288	---	---	217.894	217.828	217.671	217.552	217.585	---	1972
1973	217.583	---	---	---	---	---	---	---	---	217.563	---	---	---	1973
1974	217.699	217.789	217.885	---	---	217.879	---	---	---	218.323	---	---	---	1974
1975	---	218.246	218.283	218.303	218.372	218.387	218.437	218.452	218.332	218.159	---	217.867	---	1975
1976	217.886	217.862	217.867	217.956	217.962	217.875	217.761	217.587	217.388	217.188	217.024	216.918	217.804	1976
1977	216.920	216.927	216.915	216.886	216.867	216.910	216.832	216.921	216.880	216.926	216.875	217.052	216.926	1977
1978	217.107	217.153	217.178	217.316	217.488	217.605	217.734	217.748	217.749	217.747	217.874	217.820	217.518	1978
1979	217.584	217.589	217.581	217.581	217.857	218.050	218.027	217.828	217.761	217.659	217.584	217.438	217.712	1979
1980	217.430	217.457	217.482	217.488	217.577	217.588	217.607	217.605	217.587	217.545	217.414	217.342	217.510	1980
1981	217.278	217.228	217.188	217.185	217.185	217.270	217.383	217.404	217.333	217.194	217.134	217.118	217.237	1981
1982	217.138	217.148	217.170	---	---	---	217.855	217.718	217.600	217.519	217.428	---	---	1982
1983	---	217.350	217.431	217.503	217.581	217.683	217.810	217.784	217.851	---	---	---	---	1983
MEAN	217.456	217.438	217.474	217.540	217.703	217.814	217.888	217.800	217.602	217.598	217.421	217.445	217.519	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 38 30 N
LONG 96 47 45 W REGULATED SINCE 1975

LAKE WINNIPEG AT PINE DOCK - STATION NO. 05SD001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	---	---	1958
1959	---	218.151 ON SEP 9	217.024 ON JAN 2	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	217.417 ON JUN 19	216.356 ON NOV 24 *	1962
1963	---	217.708 ON OCT 21	216.582 ON JAN 6	1963
1964	218.138 AT 0120 CST ON AUG 15	---	---	1964
1965	218.583 AT 0300 CST ON SEP 5	217.885 ON AUG 7	216.975 ON SEP 30	1965
1966	---	218.441 ON SEP 5	217.182 ON FEB 13	1966
1967	---	218.834 ON JUL 22	---	1967
1968	218.270 AT 1730 CST ON AUG 13	218.374 ON JUN 21	217.216 ON OCT 28	1968
1969	218.968 AT 0923 CST ON AUG 14	218.005 ON SEP 25	---	1969
1970	218.984 AT 1115 CST ON AUG 2	218.788 ON AUG 14	217.816 ON JAN 4	1970
1971	218.603 AT 1248 CST ON MAY 28	218.401 ON AUG 2	---	1971
1972	218.586 AT 0440 CST ON JUN 19	218.411 ON MAY 17	---	1972
1973	---	218.493 ON JUN 19	217.429 ON NOV 8	1973
1974	219.298 AT 0246 CST ON JUL 26 *	---	---	1974
1975	218.862 AT 2215 CST ON AUG 16	219.212 ON JUL 26 *	217.649A ON JAN 1	1975
1976	218.182 AT 1650 CST ON JUN 14	218.670 ON AUG 25	---	1976
1977	217.649 AT 0548 CST ON NOV 21	218.112 ON JUN 14	216.847 ON NOV 8	1977
1978	218.283 AT 1315 CST ON AUG 2	217.411 ON NOV 21	216.831 ON AUG 25	1978
1979	218.337 AT 1315 CST ON JUL 15	218.084 ON AUG 2	217.054 ON JAN 1	1979
1980	218.172 AT 1100 CST ON AUG 21	218.228 ON JUL 15	217.381 ON DEC 12	1980
1981	218.013 AT 1034 CST ON JUN 18	217.944 ON AUG 21	217.284 ON NOV 28	1981
1982	217.987 AT 2310 CST ON NOV 20	217.693 ON SEP 27	216.910 ON OCT 2	1982
1983	218.232 AT 1036 CST ON AUG 19	---	217.111 ON JAN 12	1983
		218.045 ON AUG 19	---	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT TRAVERSE BAY - STATION NO. 05SA005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	218.732	218.626	218.481	218.255	---	---	---	1986
MEAN	---	---	---	---	---	---	218.732	218.626	218.481	218.255	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 37 54 N
LONG 96 18 22 W

LAKE WINNIPEG AT VICTORIA BEACH - STATION NO. 05SA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	217.812	---	217.787	---	217.548	---	1959
1960	217.522	---	217.477	217.545	---	217.924	217.908	217.776	217.682	217.490	---	217.258	---	1960
1961	217.305	217.186	217.192	217.186	217.273	217.287	217.241	217.042	216.953	216.744	---	216.710	---	1961
1962	216.711	216.736	216.783	---	---	---	---	---	---	---	---	217.296	---	1962
1963	---	217.245	217.245	217.344	217.512	217.566	217.646	217.648	217.486	217.362	---	---	---	1963
1964	---	---	---	---	---	217.485	217.487	---	---	---	---	---	---	1964
1965	---	---	217.315	217.413	217.788	---	218.244	218.246	218.157	218.054	218.004	---	---	1965
1966	---	---	---	218.128	218.441	218.635	218.747	218.652	218.471	218.263	---	217.893	---	1966
1967	217.967	217.973	217.952	218.042	218.201	218.214	---	---	---	---	---	---	---	1967
1968	---	217.538	217.517	217.503	217.677	217.630	---	---	---	---	---	---	---	1968
1969	217.805	217.870	218.003	218.078	218.278	218.318	218.244	218.355	218.221	218.284	217.737	217.635	---	1969
1970	---	218.184	218.214	218.215	218.388	218.438	218.498	218.409	218.189	---	---	218.038	---	1970
1971	218.053	218.086	218.134	218.229	218.346	218.287	218.283	218.012	217.808	217.715	217.676	---	---	1971
1972	---	217.936	218.021	---	218.367	218.297	218.302	218.002	217.855	217.706	217.672	---	---	1972
1973	---	217.855	217.686	217.725	217.880	217.820	217.694	217.655	217.528	217.613	217.670	217.689	---	1973
1974	---	---	217.672	217.868	218.439	218.776	218.935	218.738	218.601	218.348	218.214	218.192	---	1974
1975	218.232	218.261	218.300	218.327	218.419	218.428	218.484	218.473	218.277	218.195	217.978	217.830	218.284	1975
1976	---	217.888	217.816	217.881	218.044	217.935	217.808	217.595	217.416	---	---	216.848	---	1976
1977	216.845	216.860	216.850	216.804	216.868	216.933	216.958	216.861	216.939	216.843	217.030	217.094	216.959	1977
1978	217.135	217.177	217.200	217.353	217.619	217.648	217.761	217.838	217.773	217.761	217.704	217.648	217.567	1978
1979	217.825	217.856	217.837	217.823	217.938	218.127	218.092	217.881	217.820	217.718	217.653	217.472	217.770	1979
1980	217.478	217.508	217.534	217.556	217.654	217.831	217.641	217.648	217.591	217.514	217.438	217.378	217.556	1980
1981	217.306	217.274	217.209	217.219	217.248	217.318	217.375	217.443	217.381	217.231	217.228	217.180	217.281	1981
1982	217.218	217.222	217.252	217.314	217.468	217.662	217.755	217.805	217.856	217.602	217.502	217.430	217.492	1982
1983	217.398	217.421	217.505	217.578	217.663	217.758	---	217.817	217.705	217.567	217.408	---	---	1983
MEAN	217.473	217.574	217.586	217.680	217.868	217.906	217.950	217.897	217.784	217.685	217.630	217.544	217.556	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 42 30 N
LONG 98 34 10 W REGULATED SINCE 1975

LAKE WINNIPEG AT VICTORIA BEACH - STATION NO. 05SA003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	218.256 ON JUN 25	216.877 ON OCT 24	1960
1961	---	217.667 ON JUN 15	216.277 ON OCT 20 *	1961
1962	---	218.115 ON OCT 16	216.667 ON JAN 9	1962
1963	218.106 AT 1400 CST ON MAY 15	218.011 ON MAY 16	---	1963
1964	---	---	---	1964
1965	219.086 AT 1000 CST ON SEP 5	218.810 ON SEP 5	217.231 ON JAN 15	1965
1966	219.374 AT 0430 CST ON SEP 5	219.154 ON SEP 5	---	1966
1967	---	---	---	1967
1968	218.340 AT 0820 CST ON MAY 15	---	---	1968
1969	219.083 AT 1812 CST ON AUG 14	219.086 ON AUG 14	217.891 ON SEP 19	1969
1970	219.133 AT 2332 CST ON MAY 25	218.959 ON AUG 2	217.855 ON OCT 19	1970
1971	218.752 AT 1802 CST ON NOV 6	218.580 ON AUG 1	217.188 ON NOV 22	1971
1972	218.843 AT 1925 CST ON JUN 19	218.679 ON JUN 19	217.369 ON NOV 6	1972
1973	218.484 AT 2002 CST ON SEP 5	218.243 ON SEP 5	216.980 ON OCT 29	1973
1974	219.499 AT 1859 CST ON JUL 27 *	219.349 ON JUL 26 *	217.636 ON NOV 25	1974
1975	218.952 AT 0700 CST ON AUG 17	218.828 ON AUG 17	217.621 ON NOV 14	1975
1976	218.441 AT 2214 CST ON JUN 14	218.362 ON MAY 2	---	1976
1977	218.081 AT 0846 CST ON NOV 21	217.874 ON NOV 21	216.496 ON OCT 24	1977
1978	218.493 AT 1943 CST ON AUG 2	218.209 ON AUG 2	217.068 ON JAN 1	1978
1979	218.638 AT 0800 CST ON JUL 15	218.519 ON JUL 15	217.321 ON OCT 26	1979
1980	218.287 AT 1028 CST ON SEP 5	218.100 ON OCT 31	217.108 ON NOV 11	1980
1981	218.117 AT 0850 CST ON OCT 18	217.921 ON OCT 18	216.523 ON OCT 11	1981
1982	218.482 AT 2150 CST ON AUG 8	218.302 ON AUG 8	217.108 ON NOV 16	1982
1983	218.333 AT 0224 CST ON AUG 20	218.130 ON JUL 23	216.717 ON NOV 4	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT WINNIPEG BEACH - STATION NO. 05OB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	217.840	217.682	217.771	217.757	217.828	---	---	---	---	1913
1914	---	---	---	---	217.303	217.376	217.401	217.425	217.308	217.180	217.236	217.121	---	1914
1915	217.073	217.052	217.045	217.026	217.117	217.081	217.307	217.259	217.328	217.283	217.285	217.170	217.161	1915
1916	217.084	217.088	217.042	217.095	---	217.705	217.788	218.075	218.075	218.087	217.943	217.908	---	1916
1917	217.801	217.745	217.714	217.708	217.775	217.817	217.806	217.845	217.834	217.734	217.664	217.532	217.740	1917
1918	217.497	217.417	217.384	217.361	217.437	217.503	217.583	217.552	217.525	217.342	217.307	217.232	217.427	1918
1919	217.183	217.147	217.112	217.135	---	217.089	217.223	217.261	---	217.221	217.104	217.057	---	1919
1920	217.019	216.973	216.976	217.073	217.172	217.326	217.488	217.554	217.373	217.498	217.600	217.084	217.283	1920
1921	216.983	216.970	216.942	216.976	217.146	217.312	217.306	217.444	217.436	217.377	---	217.248	---	1921
1922	217.228	217.220	217.141	217.188	217.385	217.663	217.748	217.692	217.669	217.653	217.521	217.145	217.431	1922
1923	217.118	217.085	217.086	217.089	217.232	217.262	217.485	217.550	217.385	217.486	217.387	217.122	217.276	1923
1924	---	---	---	---	---	217.246	217.282	217.368	217.160	217.039	217.263	217.038	---	1924
1925	217.008	216.981	216.985	217.030	217.186	217.265	217.331	217.394	217.476	217.582	217.658	217.368	217.260	1925
1926	217.328	---	---	217.205	217.141	217.323	217.373	---	217.320	217.350	---	---	---	1926
1927	---	---	---	---	217.882	218.072	218.447	218.466	---	---	---	218.240	---	1927
1928	---	---	---	---	217.882	217.822	217.878	217.978	---	217.886	217.674	---	---	1928
1929	---	---	---	---	---	217.427	217.443	217.369	217.117	216.995	216.833	---	---	1929
1930	---	---	---	---	---	217.094	217.111	217.041	216.958	216.883	216.882	216.749	---	1930
1931	216.737	216.710	---	216.891	216.757	216.884	216.702	216.649	216.626	---	---	216.562	---	1931
1932	---	---	216.584	---	---	216.827	216.992	---	---	216.797	---	216.696	---	1932
1933	216.707	216.707	216.736	216.807	---	217.133	217.175	217.150	217.025	216.934	216.895	---	---	1933
1934	216.888	216.883	216.873	216.817	217.214	217.426	217.554	217.610	217.505	217.512	217.333	217.292	217.253	1934
1935	217.285	217.218	217.202	217.213	217.342	217.484	217.554	217.546	217.479	217.436	217.382	217.363	217.373	1935
1936	217.350	217?331	217.310	217.322	217.478	217.833	217.655	217.517	217.327	217.227	217.108	217.007	217.356	1936
1937	216.988	216.976	216.972	216.987	217.113	217.338	217.195	217.159	217.156	217.062	217.048	216.945	217.071	1937
1938	216.950	216.958	216.932	216.969	217.126	217.338	217.457	217.519	217.371	217.186	217.112	217.009	217.163	1938
1939	216.976	216.984	216.923	216.915	216.944	217.062	217.062	217.063	216.958	216.885	216.778	216.753	216.939	1939
1940	216.708	216.701	216.673	216.855	216.879	216.721	216.671	216.538	216.502	216.388	216.464	216.324	216.565	1940
1941	216.315	216.294	216.321	216.390	216.585	216.550	216.536	216.530	216.443	216.447	216.558	216.627	216.469	1941
1942	216.732	216.777	216.610	216.924	217.101	217.080	217.232	217.230	217.257	217.249	217.179	217.132	217.059	1942
1943	217.111	217.090	217.084	217.120	217.358	217.841	217.780	217.851	217.758	217.559	217.484	217.373	217.434	1943
1944	217.316	217.282	217.269	217.238	217.245	217.351	217.481	217.567	217.545	217.516	---	217.386	---	1944
1945	217.334	217.300	217.289	217.474	217.705	217.739	217.824	217.792	217.635	217.556	217.537	217.439	217.555	1945
1946	217.390	217.364	217.345	217.502	217.703	217.707	217.710	217.680	217.556	217.442	217.386	217.321	217.510	1946
1947	217.310	217.352	217.324	217.367	217.589	217.787	218.035	218.055	216.025	217.749	217.753	217.612	217.686	1947
1948	217.632	217.604	217.475	217.474	217.734	217.816	218.011	217.987	217.812	217.589	217.493	---	---	1948
1949	---	217.312	217.292	217.304	217.430	217.387	217.388	217.358	---	---	217.198	217.150	---	1949
1950	---	217.219	217.226	217.267	217.629	218.188	218.377	---	218.397	218.254	218.174	218.053	---	1950
1951	217.954	217.896	217.870	217.852	217.971	218.082	218.183	218.085	217.990	217.870	217.780	217.708	217.934	1951
1952	217.873	217.877	217.852	217.814	217.736	217.800	---	217.781	217.764	217.691	217.532	217.436	---	1952
1953	217.380	217.337	217.314	217.328	---	---	---	217.933	217.879	---	---	217.664	---	1953
1954	---	217.868	217.863	---	217.674	217.925	218.234	---	---	---	---	218.150	---	1954
1955	218.111	218.084	218.031	218.026	218.225	218.410	218.453	218.337	218.219	218.003	---	217.775	---	1955
1956	217.763	217.723	217.688	217.694	217.892	218.155	218.303	218.228	218.078	217.893	217.800	217.688	217.904	1956
1957	217.808	217.863	217.854	217.882	217.733	217.781	217.827	217.849	217.708	217.498	---	217.380	---	1957
1958	217.331	217.322	217.317	217.350	---	217.417	217.345	217.375	217.203	217.127	217.140	217.087	---	1958
1959	217.081	217.062	217.072	217.093	217.421	217.850	217.743	217.721	217.667	217.683	217.670	217.606	217.458	1959
1960	217.564	217.568	217.542	217.602	217.784	217.683	217.678	217.767	217.571	217.404	217.298	217.226	217.593	1960
1961	217.180	217.180	217.176	217.182	217.250	217.283	217.208	217.038	216.914	216.782	216.703	216.685	217.048	1961
1962	216.698	216.718	216.688	216.780	217.040	217.248	217.452	217.424	217.485	217.425	217.305	217.261	217.128	1962
1963	217.248	217.288	217.261	217.327	217.494	217.584	217.842	217.628	217.440	---	217.256	217.130	---	1963
1964	217.142	---	---	---	---	---	217.453	217.483	217.328	217.300	---	217.288	---	1964
1965	---	217.281	217.285	217.376	217.781	217.888	218.222	218.228	218.136	218.014	217.884	217.901	---	1965
1966	217.874	---	---	---	218.402	218.598	---	---	---	---	---	---	---	1966
MEAN	217.227	217.205	217.187	217.218	217.440	217.613	217.667	217.667	217.475	217.382	217.331	217.274	217.310	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 30 22 N
LONG 96 57 55 W

LAKE WINNIPEG AT WINNIPEG BEACH - STATION NO. 05BB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1913	---	---	---	1913
1914	---	218.014 ON AUG 8	216.307 ON SEP 13	1914
1915	---	218.014 ON NOV 8	216.785 ON OCT 19	1915
1916	---	218.807 ON SEP 14	216.976 ON APR 7	1916
1917	---	218.782 ON JUL 2	217.108 ON OCT 23	1917
1918	---	218.234 ON JUN 21	216.813 ON NOV 11	1918
1919	---	217.756 ON OCT 22	216.432 ON JUN 28	1919
1920	---	218.083 ON NOV 8	216.880 ON DEC 8	1920
1921	---	218.033 ON AUG 8	216.874 ON MAR 25	1921
1922	---	218.133 ON AUG 7	216.914 ON NOV 26	1922
1923	---	217.944 ON NOV 21	216.975 ON JUN 15	1923
1924	---	217.718 ON AUG 17	216.496 ON SEP 24	1924
1925	---	218.115 ON NOV 8	216.923 ON MAR 2	1925
1926	---	217.982 ON OCT 4	216.928 ON OCT 8	1926
1927	---	218.740 ON JUL 18	217.200 ON JAN 1	1927
1928	---	218.572 ON OCT 3	217.231 ON NOV 9	1928
1929	---	217.673 ON MAY 23	216.713 ON NOV 15	1929
1930	---	217.735 ON OCT 18	216.204 ON SEP 24	1930
1931	---	217.237 ON MAY 15	216.228 ON NOV 2	1931
1932	---	---	---	1932
1933	---	217.551 ON SEP 20	216.387 ON OCT 13	1933
1934	---	218.151 ON AUG 19	216.618 ON MAR 14	1934
1935	---	218.222 ON AUG 27	217.054 ON SEP 1	1935
1936	---	217.959 ON AUG 3	216.810 ON OCT 14	1936
1937	---	217.841 ON JUN 7	216.524 ON OCT 17	1937
1938	---	217.972 ON JUN 7	216.881 ON NOV 16	1938
1939	---	217.827 ON JUL 13	216.341 ON NOV 3	1939
1940	---	217.353 ON NOV 12	216.012 ON OCT 29 *	1940
1941	---	217.018 ON NOV 20	216.103 ON OCT 31	1941
1942	---	217.902 ON OCT 31	216.515 ON JUN 16	1942
1943	---	218.533 ON SEP 8	216.972 ON OCT 21	1943
1944	---	218.450 ON AUG 31	216.743 ON AUG 26	1944
1945	---	218.203 ON AUG 2	216.944 ON SEP 17	1945
1946	---	218.240 ON SEP 27	216.987 ON OCT 1	1946
1947	---	218.480 ON SEP 14	217.255 ON JAN 3	1947
1948	---	218.485 ON JUL 30	217.018 ON OCT 5	1948
1949	---	217.898 ON NOV 14	216.765 ON OCT 6	1949
1950	---	219.118 ON AUG 19 *	217.112 ON JAN 21	1950
1951	---	218.554 ON JUL 16	217.274 ON OCT 24	1951
1952	---	218.388 ON OCT 27	217.228 ON OCT 20	1952
1953	---	218.615 ON SEP 4	216.844A ON NOV 5	1953
1954	---	---	217.411A ON MAY 20	1954
1955	---	218.770 ON JUL 9	217.484 ON NOV 4	1955
1956	---	218.882 ON OCT 8	217.358 ON NOV 10	1956
1957	---	218.334 ON AUG 3	217.240 ON SEP 8	1957
1958	---	217.980 ON APR 28	216.800 ON OCT 13	1958
1959	---	218.359 ON OCT 8	216.947 ON FEB 2	1959
1960	---	218.228 ON JUN 29	216.832 ON NOV 7	1960
1961	---	217.836 ON JUN 19	216.210 ON OCT 23	1961
1962	218.447 AT 0400 CST ON OCT 16	218.072 ON OCT 16	216.840 ON MAR 10	1962
1963	---	218.065 ON JUL 27	216.758 ON SEP 14	1963
1964	218.382 AT 1800 CST ON AUG 7	218.133 ON AUG 7	216.693 ON SEP 30	1964
1965	219.030 AT 1000 CST ON SEP 5 *	218.782 ON SEP 5	217.207 ON JAN 18	1965
1966	---	---	---	1966

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG NEAR SANS SOUCI - STATION NO. 05OJ018

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	217.815	217.685	---	---	---	1972
1973	---	---	---	---	---	217.573	217.631	217.586	217.574	217.556	---	---	---	1973
1974	---	---	---	---	---	---	---	218.726	218.597	218.327	---	---	---	1974
1975	---	---	---	---	---	---	218.467	218.434	218.349	---	---	---	---	1975
MEAN	---	---	---	---	---	217.573	218.049	218.252	218.084	217.850	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 23 26 N
LONG 96 46 30 W

LAKE WINNIPEG NEAR SANS SOUCI - STATION NO. 05OJ018

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	218.395 AT 1911 CST ON SEP 5 *	218.124 ON SEP 5 *	---	1973
1974	---	---	---	1974
1975	---	---	---	1975

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEGOSIS AT DAWSON BAY - STATION NO. 05LD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	252.474	---	---	---	252.284	---	---	---	1963
1964	---	---	---	---	---	252.343	252.301	252.278	252.340	---	---	---	---	1964
1965	---	---	---	---	---	---	252.814	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	253.327	253.383	253.264	253.197	---	---	---	1966
1969	---	---	---	---	253.105	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	253.204	---	253.149	253.106	---	---	---	1970
1971	---	253.282	253.241	253.313	253.414	253.404	253.282	253.242	253.103	---	---	---	---	1971
1972	---	---	253.099	253.141	253.305	253.401	253.325	253.257	---	---	---	---	---	1972
1973	252.981	252.971	252.992	253.008	253.025	---	---	253.074	252.984	---	252.922	---	---	1973
1974	252.988	253.022	253.048	253.092	253.326	253.554	253.525	253.471	253.379	253.382	253.293	253.287	253.281	1974
1975	---	---	253.257	253.270	253.371	253.481	253.414	253.359	253.281	253.295	253.263	---	---	1975
1976	---	253.281	253.284	253.289	253.331	253.375	253.437	253.389	253.232	253.088	253.041	253.083	---	1976
1977	253.048	253.057	253.078	253.090	253.119	253.021	252.974	252.930	252.978	252.996	252.981	252.994	253.020	1977
1978	253.013	253.015	253.025	253.072	253.148	253.132	253.051	252.983	252.955	252.672	252.678	252.910	253.002	1978
1979	252.911	252.917	252.981	253.028	253.248	253.492	253.535	---	253.303	253.212	253.158	253.192	---	1979
1980	253.172	253.188	253.188	253.174	253.135	---	---	---	252.830	252.771	---	252.758	---	1980
1981	252.787	252.783	---	252.840	252.833	252.730	252.758	252.683	252.572	252.558	252.562	252.576	---	1981
1982	252.592	252.595	252.607	252.641	252.682	252.705	252.728	252.684	252.623	252.644	252.610	---	---	1982
1983	---	252.830	252.724	252.753	252.977	253.184	253.248	253.210	253.061	253.074	253.089	253.095	---	1983
MEAN	252.935	252.973	253.038	253.058	253.144	253.105	253.127	253.089	253.005	252.858	252.977	252.985	253.101	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

LOCATION - LAT 52 56 30 N
LONG 100 58 30 W NATURAL FLOW

LAKE WINNIPEGOSIS AT DAWSON BAY - STATION NO. 05LD002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	252.573A ON SEP 30	---	1964
1965	---	---	---	1965
1966	253.539 AT 0145 CST ON JUL 21	253.539 ON JUL 20	---	1966
1969	253.417 AT 1930 CST ON JUN 8	253.304 ON MAY 30	---	1969
1970	253.511 AT 1015 CST ON AUG 17	253.398 ON AUG 17	---	1970
1971	253.518 AT 2145 CST ON JUN 8	253.487 ON JUN 8	---	1971
1972	---	253.499 ON JUN 10	---	1972
1973	253.570 AT 0840 CST ON SEP 13	253.392 ON SEP 13	---	1973
1974	253.810 AT 1925 CST ON JUL 11 *	253.682 ON JUL 11 *	252.975 ON JAN 6	1974
1975	253.731 AT 1848 CST ON JUN 26	253.594 ON JUN 25	---	1975
1976	253.725 AT 0535 CST ON JUL 27	253.575 ON JUL 27	252.752 ON NOV 2	1976
1977	253.344 AT 2319 CST ON MAY 24	253.255 ON NOV 12	252.646 ON AUG 10	1977
1978	253.344 AT 1948 CST ON NOV 4	253.249 ON JUN 9	252.722 ON OCT 3	1978
1979	253.697 AT 1317 CST ON JUL 5	253.682 ON JUL 5	252.802A ON NOV 1	1979
1980	253.348 AT 0011 CST ON MAY 24	253.249 ON MAY 24	---	1980
1981	252.985 AT 0109 CST ON JUL 8	252.906 ON JUN 30	252.192 ON SEP 27 *	1981
1982	252.958 AT 1547 CST ON JUL 2	252.681 ON AUG 2	252.446 ON NOV 3	1982
1983	253.430 AT 1029 CST ON SEP 17	253.332 ON SEP 17	252.881 ON FEB 27	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEGOSIS AT WINNIPEGOSIS - STATION NO. 05LH001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	254.054	254.084	254.078	253.875	---	---	---	---	1913
1914	---	---	---	---	253.868	253.849	253.837	253.835	253.287	253.291	---	---	---	1914
1915	---	---	---	---	---	253.120	253.086	252.991	252.953	252.879	---	---	---	1915
1916	---	---	---	---	252.907	253.118	253.208	253.182	253.196	253.128	253.101R	---	---	1916
1917	---	---	---	---	253.340	253.418	253.488	253.428	253.307	---	---	---	---	1917
1918	---	---	---	253.260	253.284	253.240	253.208	253.188	253.132	253.033	252.981	252.851	---	1918
1919	252.985	252.975	252.981	253.001	252.987	252.855	252.887	252.848	252.830	252.887	252.782R	252.805R	252.895R	1919
1920	252.838	252.849	252.907	253.019	253.083	253.180	253.181	253.033	252.948	252.903	252.887	252.872	252.975	1920
1921	252.888	252.864	252.881	252.932	253.075	253.282	253.305	253.421	253.435	253.488	253.461R	253.457R	253.203R	1921
1922	253.484	253.467	253.490	253.586	253.827	253.856	253.916	253.847	253.785	253.853	253.827	253.587	253.678	1922
1923	253.561	253.528	253.547	253.588	253.677	253.762	253.778	253.756	253.839	253.864R	253.549	253.481	253.627R	1923
1924	253.488	---	---	253.482	253.512	253.511	253.418	---	---	253.170	---	253.133	---	1924
1925	253.142	253.158R	253.205	253.254	253.348	253.482	253.544R	253.446	253.426R	253.416R	253.313R	253.300	253.338R	1925
1926	253.301	253.301	253.313R	253.311	253.322R	253.356	---	---	253.085	252.900	252.917	252.830	---	1926
1927	252.929	252.928	252.952R	253.028	253.286	253.491	253.533	253.484	253.483	---	253.484	253.471	---	1927
1928	253.488	253.466	253.473	253.444	253.424	253.423	253.403	253.271	---	---	253.018R	252.883R	---	1928
1929	252.884	252.978	252.984	253.084	253.118	253.066	253.000	252.886	252.762	252.676	252.667	252.680	252.905	1929
1930	252.883	252.672	252.672	252.728	252.889	252.836	252.882	252.767	252.781	252.717R	252.652	252.886	252.746R	1930
1931	252.672	252.670	252.673	252.680	252.732	252.850	252.814	252.673	252.647	252.648	252.633	252.683	252.683	1931
1932	252.531	252.581	252.585	252.599	252.670	252.702	252.702	252.636	252.608	252.979	252.545	252.640	252.602	1932
1933	252.547	252.531	252.526	252.540	252.683	252.784	252.787	252.803	252.763	252.758	252.743	252.772	252.662	1933
1934	252.804	252.814	252.820	252.835	253.109	253.187	253.187	253.184	253.060	252.985	252.820R	252.848	252.984R	1934
1935	252.969	252.969	252.970	252.992	253.024	253.239	253.274	253.288	253.105	253.140	253.038	252.973	253.083	1935
1936	252.988	252.988	253.085	253.170	253.324	253.446	253.324	253.183	253.138	253.113	252.993	252.983	253.140	1936
1937	252.998	252.998	253.010	253.041	253.135	253.200	252.987	252.814	252.603	252.728	252.785	252.728	253.933	1937
1938	252.780	252.782	252.801	252.850	252.938	252.931	252.951	252.908	252.726	252.634	252.657	252.633	252.797	1938
1939	252.842	252.862	252.870	252.883	252.717	252.730	252.744	252.770	252.708	252.852	252.616	252.627	252.885	1939
1940	252.630	252.642	252.651	252.672	252.673	252.863	252.554	252.472	252.471	252.346	252.385	252.330	252.538	1940
1941	252.345	252.357	252.385	252.410	252.502	252.494	252.440	252.373	252.280	252.231	252.197	252.189	252.347	1941
1942	252.183	252.188	252.187	252.224	252.322	252.335	252.423	252.435	252.552	252.506	252.493	252.462	252.352	1942
1943	252.466	252.475	252.492	252.569	252.774	252.677	252.609	252.638	252.607	252.543	252.570	252.513	252.672	1943
1944	252.627	252.641	252.685	252.692	252.876	252.725	252.859	252.851	252.570	252.553	252.498	252.453	252.817	1944
1945	252.483	252.481	252.477	252.502	252.715	252.839	252.844	252.756	252.751	252.710	252.685	252.666	252.666	1945
1946	252.682	252.705	252.711	252.796	252.891	252.923	252.880	252.843	252.843	252.780	252.755	252.742	252.797	1946
1947	252.773	252.817	252.831	252.864	253.026	253.165	253.275	253.236	253.252	253.182	253.281	253.333	253.078	1947
1948	253.241	253.243	253.248	253.333	253.584	253.711	253.758	253.707	253.624	253.489	253.431	253.384	253.476	1948
1949	253.345	253.346	253.347	253.344	253.367	253.259	253.217	253.188	253.081	252.972	252.943	252.889	253.185	1949
1950	252.662	252.687	252.911	252.922	252.956	253.127	253.077	253.022	253.033	253.076	253.015	252.918	252.985	1950
1951	252.931	252.934	252.939	252.982	253.045	253.103	253.039	253.056	253.060	253.089	253.112	253.130	253.034	1951
1952	253.157	253.188	253.218	253.301	253.385	253.454	253.382	253.303	253.281	253.183	253.098	253.058	253.250	1952
1953	253.057	253.085	253.091	253.187	253.234	253.443	253.634	253.588	253.761	---	253.639	253.689	---	1953
1954	253.703	253.892	---	---	---	---	---	---	254.095	---	254.027	253.986	---	1954
1955	253.980	253.946	253.870	253.889R	254.050	254.108	253.898	253.867	253.779	253.840	253.681	253.647	253.868R	1955
1956	253.826	253.846	253.848	253.824	253.849	253.846	253.838	253.878	253.872	253.824	253.811	253.350	253.829	1956
1957	253.380	253.333	253.330	253.355	253.544	253.658	253.458	253.395	253.418	253.243	253.148	253.113	253.382	1957
1958	253.108	253.111	253.127	253.168R	253.228	253.206	253.088	252.878	252.872	252.868	252.892	252.624	253.030R	1958
1959	252.849	252.862	252.883	252.910	252.973	253.021	253.028	252.977	253.038	252.977	252.987R	252.955	252.954R	1959
1960	252.887R	253.010	253.025	253.103	253.203	253.326	253.304	253.303	253.088	253.044	252.983	252.868	253.104R	1960
1961	252.872	252.883	253.023	253.031	253.038	252.983	252.880	252.709	252.622	252.581	252.548	252.513R	252.819R	1961
1962	252.525	252.543	252.573	252.607	252.700	252.646	252.648	252.527	252.476	252.440	252.433	252.387	252.547	1962
1963	252.398	252.423	252.480	252.470	252.589	252.508	252.501	252.478	252.383	252.355	252.338	252.331	252.435	1963
1964	252.383	252.381	252.400	252.418	252.542	252.496	252.408	252.448	252.461	252.439	252.459	252.443R	252.438R	1964
1965	252.475	252.498R	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.768R	1965
1966	252.842	252.854	252.880	253.102	253.209	253.305	253.438	253.488	---	---	---	253.305	---	1966
1967	253.311	253.316	253.316	253.374R	253.474	253.611	253.584	253.477	253.287	253.218	253.207	253.182	253.362R	1967
1968	253.178	253.182	253.180	253.202	253.282	253.178	253.184	253.178	253.153	253.121	253.045	253.085	253.161	1968
1969	253.070	253.087	253.118	253.161	252.237	253.248	253.108	253.093	253.011	253.043	253.020	252.857	253.097	1969
1970	252.883	252.872	252.887	253.055	253.218	252.251	253.345	253.367	253.334	253.333	253.357	253.388R	253.218R	1970
1971	253.388R	253.404	253.410	253.476	253.562	253.552	253.510	253.359	253.252	253.294	253.276R	253.235	253.394R	1971
1972	253.244	253.249	253.278	253.312	253.480	253.530	253.502	253.388	253.248	253.210	253.135	253.113	253.312	1972
1973	253.121R	---	---	253.180	253.182	253.273	253.274	253.208R	253.184	253.137	253.127	253.115	---	1973
1974	253.133	253.157	253.194	253.274	253.566	253.741	253.725	253.622	253.613	253.519	253.443	253.431	253.452	1974
1975	253.421	253.428	253.430	253.459	253.580	253.636	253.630	253.524	253.544	253.486	253.430	253.427	253.500	1975
1976	253.434	253.434	253.451	253.512	253.612	253.605	253.601	253.522	253.442	253.336	253.278	253.222	253.448	1976
1977	253.230	253.250	253.272	253.282	253.268	253.219	253.189	253.185	253.188	253.149	253.180	253.178	253.214	1977
1978	253.300	253.212	253.225	253.286	253.343	253.326	253.272	253.181	253.107	253.096	253.092	253.076	253.201	1978
1979	253.091	253.133	253.186	253.274	253.468	253.869	253.676	253.601	253.487	253.447	253.424	253.371	253.406	1979
1980	253.363	253.371	253.384	253.385	253.367	253.246	253.170	253.089	253.034	252.990	252.942	252.951	253.191	1980
1981	252.858	252.871	253.006	253.040	253.061	253.029	252.936	252.861	252.793	252.765	252.773	252.777	252.916	1981
1982	252.804	252.828	252.848	252.874	252.980	252.935	252.928	252.910	252.865	252.889	252.870	252.872	252.881	1982
1983	252.904	252.927	252.957	253.047	253.244	253.386	253.462	253.433	253.378	253.301	253.282	253.304	253.223	1983
MEAN	252.850R	252.868R	252.895R	253.050R	253.153R	253.213	253.193R	253.133R	253.093R	253.001R	253.003R	252.986R	253.030R	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 38 45 N
LONG 99 55 07 W

R - REVISED SINCE JAN 1980

LAKE WINNIPEGOSIS AT WINNIPEGOSIS - STATION NO. 05LH001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1913	...	...	...	1913
1914	...	254.011 ON JUL 16	...	1914
1915	...	...	...	1915
1916	...	253.785 ON SEP 21	...	1916
1917	...	254.087 ON JUN 13	...	1917
1918	...	253.895 ON MAY 11	...	1918
1919	...	253.271 ON OCT 22	252.493 ON AUG 31	1919
1920	...	253.803 ON SEP 28	252.640 ON OCT 1	1920
1921	...	253.985 ON SEP 11	252.737 ON APR 1	1921
1922	...	254.240 ON MAY 16	253.298 ON OCT 12	1922
1923	...	254.087 ON JUL 23	253.264 ON SEP 16	1923
1924	...	253.712 ON JUL 12	...	1924
1925	...	254.078 ON JUN 5	253.118 ON JAN 4	1925
1926	...	254.023 ON SEP 23	252.804 ON SEP 20	1926
1927	...	...	...	1927
1928	...	253.789 ON SEP 24	252.609 ON OCT 18	1928
1929	...	253.331 E MAY 30	252.448 ON NOV 4	1929
1930	...	253.484 ON OCT 17	252.341 ON OCT 31	1930
1931	...	253.112 ON MAY 19	252.204 ON OCT 6	1931
1932	...	253.880 ON OCT 24	252.234 ON OCT 30	1932
1933	...	253.256 ON OCT 21	252.371 ON SEP 1	1933
1934	...	253.459 ON AUG 19	252.687 ON NOV 2	1934
1935	...	253.874 ON JUN 3	252.813 ON SEP 27	1935
1936	...	253.926 ON JUN 8	252.783 ON OCT 26	1936
1937	...	254.292 ON JUN 6	252.493 ON OCT 18	1937
1938	...	253.377 ON JUN 7	252.414 ON OCT 8	1938
1939	...	253.072 ON OCT 15	252.384 ON NOV 3	1939
1940	...	252.923 ON JUN 10	252.103 ON OCT 21	1940
1941	...	252.780 ON MAY 9	251.942 ON SEP 14	1941
1942	...	253.149 ON SEP 23	251.890 ON JUN 17 *	1942
1943	...	253.631 ON SEP 7	252.283 ON OCT 21	1943
1944	...	253.277 ON NOV 2	252.249 ON NOV 5	1944
1945	...	253.261 ON JUN 29	252.448 ON FEB 9	1945
1946	...	253.490E ON NOV 16	252.484 ON NOV 13	1946
1947	...	253.972 ON SEP 14	252.658 ON JUN 20	1947
1948	...	254.109 ON JUL 16	253.115 ON OCT 5	1948
1949	...	253.749 ON MAY 17	252.710 ON OCT 5	1949
1950	...	253.664 ON AUG 16	252.627 ON AUG 29	1950
1951	...	253.517 ON OCT 16	252.755 ON AUG 22	1951
1952	...	254.020 ON MAY 27	252.633 ON OCT 25	1952
1953	...	...	253.030 ON JAN 1	1953
1954	...	...	...	1954
1955	...	254.325 ON MAY 4	253.380 ON OCT 26	1955
1956	...	254.020 ON NOV 7	253.258 ON SEP 20	1956
1957	...	254.008 ON JUN 16	253.021 ON NOV 3	1957
1958	...	253.837 ON MAY 16	252.445 ON OCT 2	1958
1959	...	253.734 ON JUN 26	252.704 ON OCT 1	1959
1960	...	253.542 ON JUN 29	252.649 ON OCT 24	1960
1961	...	253.185 ON JUN 19	252.323 ON NOV 1	1961
1962	...	253.078 ON MAY 30	252.115 ON NOV 5	1962
1963	253.335 AT 0515 CST ON MAY 30	252.593 ON MAY 20	252.054 ON NOV 2	1963
1964	253.322 AT 1900 CST ON AUG 10	252.841 ON AUG 11	252.073 ON SEP 30	1964
1965	253.732 AT 1750 CST ON MAY 26	253.516 ON MAY 26	252.480 ON JAN 2	1965
1966	253.917 AT 2305 CST ON AUG 17	253.748 ON SEP 4	...	1966
1967	254.173 AT 0810 CST ON JUN 21	253.917 ON JUN 21	252.710 ON OCT 28	1967
1968	254.002 AT 1635 CST ON MAY 17	253.776 ON MAY 15	252.649 ON NOV 12	1968
1969	253.788 AT 2051 CST ON NOV 13	253.585 ON NOV 13	252.732 ON SEP 19	1969
1970	254.209 AT 1920 CST ON SEP 21	253.485 ON OCT 2	252.914 ON JUL 1	1970
1971	254.423 AT 0257 CST ON JUL 25 *	253.593 ON NOV 6	253.027 ON SEP 11	1971
1972	254.148 AT 2046 CST ON JUN 14	253.585 ON JUN 14	252.890 ON OCT 9	1972
1973	253.885 AT 1848 CST ON JUN 19	253.609 ON JUN 19	252.795 ON OCT 28	1973
1974	254.212 AT 0807 CST ON SEP 29	253.984 ON JUL 28	253.072 ON NOV 21	1974
1975	...	254.369A ON SEP 19 *	253.181 ON NOV 13	1975
1976	254.208 AT 2046 CST ON OCT 14	253.978 ON JUN 14	253.081 ON OCT 27	1976
1977	254.020 AT 1747 CST ON NOV 20	253.787 ON NOV 20	252.704 ON NOV 12	1977
1978	253.870 AT 1411 CST ON JUL 26	253.586 ON MAY 31	252.847 ON OCT 16	1978
1979	254.191 AT 1253 CST ON OCT 6	253.869 ON AUG 13	253.078 ON JAN 7	1979
1980	253.726 AT 1510 CST ON MAY 10	253.696 ON MAY 10	252.712A ON OCT 9	1980
1981	253.913 AT 2343 CST ON SEP 26	253.457 ON JUN 16	252.293 ON OCT 2	1981
1982	253.585 AT 1858 CST ON JUL 17	253.413 ON AUG 6	252.563 ON SEP 25	1982
1983	253.836 AT 0446 CST ON JUN 16	253.758A ON JUL 23	252.882 ON JAN 2	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LONG LAKE NEAR LITTLE GRAND RAPIDS - STATION NO. 05RD010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	29.728	29.950	29.987	---	---	29.578	---	1969
1970	---	---	28.811	28.704	28.687	29.040	---	---	29.089	---	28.818	---	---	1970
1971	---	---	---	28.933	---	29.630	29.429	29.314	29.258	29.113	28.955	28.886	---	1971
1972	---	---	---	---	---	---	---	---	---	28.783	---	---	---	1972
1973	---	---	28.626	28.733	29.043	29.361	29.419	29.140	29.001	29.132	29.267	29.381	---	1973
1974	---	28.956	---	28.843	29.452	30.088	29.931	29.390	29.300	29.514	---	---	---	1974
1975	---	---	---	28.699	29.119	29.603	29.772	29.726	29.589	29.389	---	---	---	1975
1976	---	---	---	---	29.141	29.181	29.060	28.791	28.543	28.384	---	---	---	1976
1977	---	---	---	28.314	28.404	28.515	28.672	28.883	29.338	29.884	29.477	29.187	---	1977
1978	28.985	28.824	28.684	28.693	29.109	29.260	29.606	29.636	29.801	29.714	29.452	29.219	29.269	1978
1979	29.043	---	---	28.847	29.559	30.315	29.790	29.275	29.140	29.094	29.120	---	---	1979
1980	---	28.923	28.772	28.787	28.841	29.144	29.230	28.987	29.047	28.869	28.749	28.806	---	1980
1981	28.771	28.686	28.564	28.592	28.746	28.969	29.358	29.250	29.035	29.038	29.083	29.113	28.934	1981
1982	29.050	28.800	28.766	28.645	28.388	28.958	29.023	29.482	29.188	29.037	28.871	28.772	29.182	1982
1983	28.748	28.694	28.522	28.633	28.925	29.232	29.510	29.425	29.159	28.864	28.656	28.557	28.921	1983
MEAN	28.920	28.827	28.692	28.717	29.060	29.422	29.511	29.342	29.248	29.123	29.045	29.054	29.077	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 11 30 N
LONG 96 05 20 W NATURAL FLOW

LONG LAKE NEAR LITTLE GRAND RAPIDS - STATION NO. 05RD010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	---	---	---	1970
1971	29.950 AT 1700 CST ON JUN 3	29.947 ON JUN 5	28.724 ON APR 6	1971
1972	---	---	---	1972
1973	29.550 AT 1617 CST ON JUL 3	29.550 ON JUL 3	28.583 ON MAR 22	1973
1974	30.285 AT 1010 CST ON JUN 25	30.273 ON JUN 26	---	1974
1975	29.667 AT 1118 CST ON JUN 30	29.661 ON JUL 1	---	1975
1976	---	29.230 ON JUL 1	---	1976
1977	29.700 AT 1820 CST ON OCT 19	29.697 ON OCT 19	---	1977
1978	29.683 AT 1043 CST ON AUG 17	29.676 ON AUG 17	28.624 ON APR 18	1978
1979	30.402 AT 2112 CST ON JUN 14 *	30.398 ON JUN 14 *	28.656 ON APR 12	1979
1980	29.290 AT 1217 CST ON JUL 6	29.282 ON JUL 6	---	1980
1981	28.391 AT 1148 CST ON JUL 6	29.384 ON JUL 4	28.524 ON MAR 28 *	1981
1982	30.126 AT 1921 CST ON JUN 25	30.123 ON JUN 25	28.686 ON APR 13	1982
1983	29.688 AT 1513 CST ON JUN 28	29.685 ON JUN 28	28.535 ON DEC 23	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MANISTIKWAN LAKE NEAR FLIN FLON - STATION NO. 05KG006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	1.333	1.297	1.261	1.232	1.285	1.338	---	---	---	1980
1981	---	---	---	---	1.331	1.314	1.272	1.230	1.180	1.158	---	---	---	1981
1982	---	---	---	---	1.334	1.349	1.323	1.303	1.258	1.234	---	---	---	1982
1983	---	---	---	---	1.477	1.440	1.489	1.434	1.454	1.472	---	---	---	1983
MEAN	---	---	---	---	1.364	1.350	1.331	1.300	1.294	1.303	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 43 00 N
LONG 101 46 00 W REGULATED

MANISTIKWAN LAKE NEAR FLIN FLON - STATION NO. 05KG006

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	1.347 ON OCT 21	---	1980
1981	1.340 AT 1845 CST ON JUN 8	1.337 ON JUN 8	---	1981
1982	1.382 AT 1056 CST ON MAY 29	1.381 ON MAY 29	---	1982
1983	1.512 AT 1249 CST ON JUL 22 *	1.507 ON JUL 22 *	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAPLE (MARSHY) LAKE NEAR PIPESTONE - STATION NO. 05NG022

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	DRY	---	---	---	---	---	DRY	DRY	---	---	---	1979
1980	---	---	---	---	---	---	---	---	DRY	DRY	---	---	---	1980
1981	---	---	430.101	***	DRY	DRY	DRY	DRY	DRY	DRY	---	---	---	1981
1982	---	---	---	---	430.171	430.108	429.985	***	***	430.062	---	---	---	1982
1983	---	---	---	430.531	430.891	430.784	430.673	430.385	430.197	430.158	---	---	---	1983
MEAN	---	---	***	***	***	***	***	***	***	***	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 30 14 N DRAINAGE AREA, 1 170 km²
LONG 100 48 58 W REGULATED SINCE 1988

*** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

MAPLE (MARSHY) LAKE NEAR PIPESTONE - STATION NO. 05NG022

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	431.502 ON MAY 6 *	---	1975
1978	---	---	---	1978
1979	---	430.829 ON JUN 5	DRY ON MAR 1 *	1979
1980	---	430.095A ON APR 9	---	1980
1981	---	---	DRY ON APR 11	1981
1982	430.287 AT 1655 CST ON APR 15	430.283A ON APR 14	---	1982
1983	430.928 AT 1425 CST ON MAY 13 *	430.919 ON MAY 6	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARY JANE RESERVOIR NEAR LA RIVIERE - STATION NO. 05OB014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	488.391	488.278	488.188	488.085	488.008	487.962	487.948	---	1960
1961	487.819	487.926	488.084	---	488.449	488.323	488.184	487.990	487.854	487.824	487.749	487.727	---	1961
1962	487.724	487.733	487.742	488.148	488.485	488.440	488.374	488.312	488.200	488.113	488.088	488.061	488.119	1962
1963	488.037	488.005	488.151	488.455	488.438	488.480	488.378	488.344	488.238	488.140	488.088	488.043	488.230	1963
1964	488.020	488.008	487.998	488.410	488.417	488.311	488.330	488.304	488.243	488.195	488.138	488.094	488.206	1964
1965	488.093	488.088	488.082	---	488.494	488.410	488.348	488.307	488.287	488.252	488.204	488.206	---	1965
1966	---	---	---	---	---	---	---	488.286	488.158	488.051	488.009	---	---	1966
1967	---	487.984	---	---	488.495	488.388	488.358	488.229	488.083	487.982	487.946	487.926	---	1967
1968	---	---	488.126	488.496	488.487	488.450	488.488	---	488.517	488.488	488.458	488.451	---	1968
1969	---	---	---	---	488.488	488.451	---	---	488.280	488.220	488.178	488.148	---	1969
1970	---	---	---	488.545	488.514	488.475	488.420	488.278	488.178	488.092	---	---	---	1970
1971	488.012	---	---	---	---	488.450	---	---	---	---	488.325	488.321	---	1971
1972	488.308	---	---	---	---	488.416	488.293	488.258	488.153	488.062	488.034	---	---	1972
1973	---	487.951	488.078	488.178	488.159	488.099	488.426	488.473	---	---	---	488.311	---	1973
1974	488.303	488.292	488.285	488.509	488.594	488.475	488.328	488.195	488.132	488.040	487.981	487.943	488.284	1974
1975	487.924	487.908	487.900	---	488.504	488.456	---	---	---	---	488.150	488.143	---	1975
1976	---	488.127	---	---	488.441	488.339	488.208	488.049	487.908	487.793	487.726	487.681	---	1976
1977	487.888	487.844	487.838	487.711	488.073	488.753	489.090	488.950	488.998	488.480	488.432	488.435	488.328	1977
1978	488.441	488.428	488.412	488.529	488.512	488.435	488.418	488.317	488.238	488.159	488.099	488.078	488.348	1978
1979	488.070	488.058	488.060	---	---	---	488.458	488.327	488.234	488.145	488.108	488.088	---	1979
1980	488.073	488.057	488.034	488.463	488.430	488.312	488.224	488.138	488.083	488.037	488.009	487.973	488.153	1980
1981	487.943	487.962	488.302	488.489	488.394	488.336	488.245	488.165	488.105	488.068	488.043	488.008	488.171	1981
1982	487.975	487.951	487.941	488.453	488.486	488.441	488.394	488.304	488.178	488.184	488.183	488.143	488.217	1982
1983	488.119	488.091	488.302	488.583	488.459	488.378	488.293	488.102	487.976	487.937	487.898	487.872	488.187	1983
MEAN	488.039	488.012	488.070	488.404	488.441	488.408	488.378	488.278	488.195	488.107	488.081	488.078	488.220	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 17 14 N DRAINAGE AREA, 81.6 km²
LONG 98 37 27 W REGULATED

MARY JANE RESERVOIR NEAR LA RIVIERE - STATION NO. 05OB014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	468.724 ON MAR 27	467.722 ON DEC 13	1961
1962	---	468.728 ON APR 21	467.700 ON FEB 5	1962
1963	---	468.575 ON MAR 24	467.990 ON MAR 6	1963
1964	---	468.857 ON APR 9	467.993 ON MAR 11	1964
1965	---	---	468.054 ON MAR 24	1965
1966	---	---	---	1966
1967	469.270 AT 1800 CST ON APR 20 *	468.950 ON APR 20	467.920 ON DEC 6	1967
1968	---	---	467.877 ON MAR 3	1968
1969	---	469.819 ON APR 11 *	468.142 ON DEC 20	1969
1970	---	469.758 ON APR 28	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	468.548 ON JUL 8	467.847 ON FEB 25	1973
1974	---	469.453 ON APR 18	467.935 ON DEC 18	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	469.163A ON JUN 24	467.830 ON MAR 7 *	1977
1978	469.179 AT 2000 CST ON APR 6	468.947 ON APR 6	468.063 ON DEC 16	1978
1979	---	---	---	1979
1980	468.713 AT 1837 CST ON APR 7	468.694 ON APR 7	467.958 ON DEC 31	1980
1981	468.512 AT 1825 CST ON MAR 29	468.512 ON MAR 29	467.931 ON JAN 23	1981
1982	468.641 AT 1850 CST ON APR 13	468.628 ON APR 13	467.924 ON MAR 13	1982
1983	468.781 AT 0309 CST ON APR 9	468.772 ON APR 9	467.852 ON DEC 31	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MORDEN RESERVOIR NEAR MORDEN - STATION NO. 05OC801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	329.324	329.249	---	---	329.735	329.638	329.505	329.209	---	---	328.715	328.650	---	1983
MEAN	329.324	329.249	---	---	329.735	329.638	329.505	329.209	---	---	328.715	328.650	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 10 55 N
LONG 98 08 04 W REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

MORDEN RESERVOIR NEAR MORDEN - STATION NO. 05OC801

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	328.548 ON DEC 29 *	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NEEPAWA RESERVOIR NEAR NEEPAWA - STATION NO. 05LL010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	358.866	358.715	---	358.789	358.650	358.637	---	1960
1961	358.440	---	358.280	358.911	359.178	---	---	358.632	358.398	358.454	358.509	358.486	---	1961
1962	---	---	---	---	359.187	359.110	359.108	359.114	359.083	359.025	---	---	---	1962
1963	---	---	---	359.182	359.103	359.182	359.115	358.918	---	358.841	358.587	---	---	1963
1964	---	---	---	358.775	359.010	358.986	358.897	---	358.818	358.881	358.858	358.804	---	1964
1965	---	---	358.501	---	359.178	359.021	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	358.654	358.589	358.597	358.508	---	1966
1967	358.448	---	---	---	---	359.030	358.857	358.630	358.552	---	---	358.526	---	1967
1968	---	---	---	359.092	359.066	359.033	359.015	359.056	359.065	359.052	359.051	359.003	---	1968
1969	358.897	358.843	358.877	---	359.125	359.076	359.177	359.085	359.058	359.057	359.052	---	---	1969
1970	---	359.038	359.057	---	---	359.117	359.065	359.051	359.078	359.076	---	---	---	1970
1971	---	---	---	---	359.158	359.122	359.243	359.267	359.073	359.044	359.111	---	359.079	1971
1972	359.050	359.080	359.129	359.269	359.140	359.097	---	---	359.003	359.048	---	---	---	1972
1973	---	---	---	359.088	359.083	359.080	359.038	359.118	359.096	359.086	359.083	359.055	---	1973
1974	359.043	359.046	359.084	359.311	359.281	359.119	359.032	358.926	358.970	359.047	359.051	359.038	359.078	1974
1975	359.051	359.049	359.058	---	---	359.092	359.041	359.082	359.090	359.080	359.075	359.038	---	1975
1976	---	---	359.071	359.386	359.114	359.073	359.027	358.944	358.8[illegible]	358.811	358.955	358.988	---	1976
1977	359.050	359.067	359.049	359.071	359.118	358.[illegible]05	359.065	---	359.12[illegible]	359.085	359.088	359.067	---	1977
1978	359.054	359.055	359.066	359.203	359.092	359.043	358.978	358.749	358.6[illegible]	358.813	358.990	359.053	358.881	1978
1979	359.043	359.042	359.050	359.284	359.260	359.084	358.938	358.891	358.507	358.435	358.573	358.687	358.880	1979
1980	358.788	358.888	359.015	359.100	359.038	358.892	358.778	358.845	359.049	359.054	359.068	359.052	358.983	1980
1981	359.028	359.049	359.081	359.068	359.056	359.050	358.800	358.885	359.000	359.063	359.082	359.014	359.021	1981
1982	358.910	358.816	358.812	359.131	359.089	359.089	359.065	359.008	358.811	358.982	359.062	359.033	358.983	1982
1983	358.885	358.949	359.017	359.308	359.113	359.059	359.041	358.846	358.599	358.828	358.763	358.605	358.928	1983
MEAN	358.906	358.993	358.940	359.143	359.123	359.072	359.021	358.922	358.881	358.901	358.901	358.885	358.978	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 12 48 N
LONG 99 28 38 W REGULATED SINCE 1960

NEEPAWA RESERVOIR NEAR NEEPAWA - STATION NO. 05LL010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	359.213 ON MAY 31	358.198 ON MAR 8 *	1961
1962	---	---	---	1962
1963	359.249 AT 1800 CST ON MAR 29	359.246 ON MAR 29	---	1963
1964	359.182 AT 1515 CST ON MAY 4	359.173 ON MAY 4	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	359.115 AT 0100 CST ON APR 12	359.112 ON APR 12	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	359.377 AT 1415 CST ON JUL 15	359.377 ON JUL 15	---	1971
1972	---	359.460 ON APR 16	---	1972
1973	359.179 AT 0940 CST ON SEP 6	359.176 J SEP 5	---	1973
1974	359.880 AT 2148 CST ON APR 21 *	359.868 ON APR 21 *	358.887 ON AUG 20	1974
1975	---	---	---	1975
1976	359.801 AT 0448 CST ON APR 10	359.783 ON APR 10	358.731 ON OCT 5	1976
1977	359.170 AT 1127 CST ON SEP 10	359.170 ON SEP 10	---	1977
1978	359.282 AT 2102 CST ON APR 13	359.286 ON APR 13	358.542 ON SEP 11	1978
1979	---	359.808E ON APR 25	358.406 ON OCT 13	1979
1980	359.141 AT 2135 CST ON APR 7	359.139 ON APR 7	358.705 ON JUL 30	1980
1981	359.099 AT 1604 CST ON MAR 31	359.094 ON FEB 24	358.788 ON AUG 4	1981
1982	359.305 AT 0309 CST ON APR 19	359.301 ON APR 19	358.707 ON SEP 27	1982
1983	359.644 AT 2212 CST ON APR 22	359.641 ON APR 22	358.523 ON SEP 29	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER AT NORWAY HOUSE - STATION NO. 05UB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	216.852	216.584	---	---	---	216.803	216.818	---	---	---	1915
1916	---	---	---	---	216.923	217.207	217.385	217.463	217.431	217.583	---	---	---	1916
1917	---	---	---	---	---	217.362	217.418	217.372	217.338	---	217.204	---	---	1917
1918	---	---	---	---	216.946	---	217.135	217.137	217.046	216.985	---	---	---	1918
1919	---	---	---	---	216.768	216.782	216.763	---	216.703	216.649	216.570	216.553	---	1919
1920	---	216.524	216.532	216.544	216.845	216.980	217.041	217.038	216.973	---	---	---	---	1920
1921	---	216.472	---	---	---	216.933	217.050	217.014	216.997	216.911	216.793	216.733	---	1921
1922	216.776	---	216.742	---	217.008	217.188	217.224	---	217.168	---	---	---	---	1922
1923	216.745	---	---	216.758	---	217.014	217.057	217.043	217.054	217.025	---	---	---	1923
1924	---	---	---	216.610	216.832	216.878	216.883	216.813	216.747	216.788	216.702	216.571	---	1924
1925	216.540	216.481	216.445	---	216.798	216.831	217.108	217.187	217.104	216.971	216.848	216.880	---	1925
1926	216.880	216.813	216.737	216.733	216.880	216.882	216.921	216.827	216.899	216.731	---	216.624	---	1926
1927	216.821	---	---	---	217.375	217.747	217.908	217.858	218.009	217.921	217.895	217.589	---	1927
1928	217.538	217.412	217.358	217.349	217.398	217.318	217.364	217.412	217.322	217.237	---	217.084	---	1928
1929	217.095	217.091	217.048	216.986	217.108	217.041	216.978	216.848	216.882	216.592	216.411	216.322	216.846	1929
1930	216.265	216.238	216.227	216.348	216.475	216.815	216.595	216.540	216.317	216.280	216.308	216.241	216.372	1930
1931	216.209	216.157	216.133	---	216.185	216.179	216.173	216.120	216.168	216.201	216.155	216.098	---	1931
1932	216.068	216.054	216.054	216.087	216.308	216.378	216.435	216.431	216.326	216.215	216.173	216.173	216.226	1932
1933	216.095	216.108	216.124	216.143	216.398	---	---	---	---	---	---	---	---	1933
1947	---	---	---	---	---	---	---	---	---	---	---	---	---	1947
1948	216.998	216.932	216.804	216.907	217.236	217.328	217.410	217.424	217.386	217.389	217.114	217.054	---	1948
1949	216.782	216.748	216.748	216.815	216.935	216.954	216.950	216.780	216.585	216.602	216.518	216.589	216.742	1949
1950	216.816	216.678	216.675	216.678	217.064	217.533	217.820	217.854	217.857	217.782	217.592	217.478	217.282	1950
1951	217.369	217.286	217.191	217.238	217.462	217.567	217.543	217.503	217.333	217.342	217.180	217.188	217.349	1951
1952	217.107	217.055	217.047	217.101	217.235	217.280	217.320	217.292	217.211	217.108	217.003	216.924	217.140	1952
1953	216.854	216.804	216.756	216.808	216.850	217.035	217.289	217.395	217.317	217.339	217.212	---	---	1953
1954	216.972	216.847	216.919	216.909	217.161	217.422	217.479	217.745	217.692	217.728	217.689	---	---	1954
1955	217.508	217.438	217.352	217.440	217.674	217.826	217.883	217.832	217.811	217.484	---	217.213	---	1955
1956	217.129	217.110	217.092	217.108	217.431	217.670	217.736	217.657	217.505	217.339	---	217.119	---	1956
1957	217.081	217.010	216.971	217.020	217.237	217.333	217.398	217.340	217.228	---	---	216.801	---	1957
1958	216.748	216.708	216.705	216.817	216.861	216.800	216.859	216.841	216.782	216.645	---	216.525	---	1958
1959	---	216.512	216.501	216.588	216.984	217.152	217.288	217.284	217.196	---	---	217.025	---	1959
1960	---	---	---	---	---	217.400	---	---	---	---	---	---	---	1960
1961	216.830	216.598	216.491	216.640	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	216.534	216.554	---	---	---	---	216.870	216.782	---	---	---	---	1964
1965	---	---	---	---	217.200	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	218.245	218.303	218.138	217.947	217.686	---	217.457	---	1966
1967	217.437	217.437	217.414	217.481	217.808	217.880	---	217.630	217.412	217.259	217.173	---	---	1967
1968	---	217.024	---	---	217.111	217.238	217.239	217.239	---	217.230	217.288	217.249	---	1968
1969	217.345	217.398	217.428	217.884	217.740	217.738	217.729	217.693	217.688	---	217.613	217.633	---	1969
1970	217.637	217.638	217.624	217.653	217.898	217.981	218.054	217.907	217.840	217.474	217.485	217.500	217.708	1970
1971	---	217.574	217.572	217.728	217.918	217.888	217.691	217.575	---	---	217.028	217.206	---	1971
1972	217.304	217.387	217.410	217.587	217.894	217.642	217.663	217.490	217.284	217.187	---	---	---	1972
1973	217.078	217.108	217.147	217.248	217.215	217.280	217.420	217.372	217.209	217.186	217.021	217.105	217.198	1973
1974	217.179	217.244	217.321	217.492	217.942	218.307	218.401	218.235	217.982	217.891	217.721	217.457	217.768	1974
1975	217.570	217.660	217.639	---	---	217.978	218.018	217.889	217.670	217.590	---	---	---	1975
1976	---	---	---	217.289	217.335	217.380	217.344	217.408	217.192	---	---	---	---	1976
1977	---	---	---	---	218.785	---	218.780	218.785	218.772	218.678	---	---	---	1977
1978	---	---	---	217.020	---	217.526	217.637	217.824	217.613	217.508	217.337	---	---	1978
1979	217.215	217.208	217.212	217.224	217.468	217.718	217.677	217.633	217.592	217.388	217.037	217.084	217.371	1979
1980	---	---	217.133	217.231	217.455	217.468	217.538	217.493	217.468	217.389	217.068	216.979	---	1980
1981	216.960	216.902	216.924	217.088	217.080	217.172	217.344	217.388	217.267	217.125	216.910	216.766	217.074	1981
1982	---	---	216.860	216.955	217.254	217.481	217.639	217.707	217.433	217.232	217.023	216.981	---	1982
1983	216.914	216.827	216.894	217.117	217.389	217.553	217.653	217.627	217.458	217.336	217.118	---	---	1983
MEAN	216.982	216.918	216.818	217.001	217.148	217.331	217.382	217.345	217.218	217.148	217.029	216.942	217.091	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 00 00 N
LONG 97 48 00 W REGULATED SINCE 1973

NELSON RIVER AT NORWAY HOUSE - STATION NO. 05UB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	---	216.826 ON OCT 12	---	1915
1916	---	217.703 ON OCT 31	---	1916
1917	---	217.490 ON JUL 30	---	1917
1918	---	217.194 ON JUN 15	---	1918
1919	---	218.911 ON JUL 18	---	1919
1920	---	217.127 ON JUL 13	---	1920
1921	---	217.112 ON JUL 4	---	1921
1922	---	217.295 ON JUL 24	---	1922
1923	---	217.175 ON SEP 3	---	1923
1924	---	217.024 ON JUN 21	216.429 ON AUG 31	1924
1925	---	217.274 ON AUG 21	216.445 ON MAR 1	1925
1926	---	216.980 ON JUN 15	216.442 ON SEP 24	1926
1927	---	218.438 ON SEP 18	216.777 ON MAR 27	1927
1928	---	217.572 ON JAN 16	216.786 ON OCT 29	1928
1929	---	217.191 ON MAY 21	216.292 ON DEC 24	1929
1930	---	216.718 ON JUN 13	216.003 ON OCT 19	1930
1931	---	216.358 ON OCT 6	215.948 ON AUG 29	1931
1932	---	216.713 ON JUL 15	216.021 ON NOV 11	1932
1933	---	216.469 ON MAY 12	216.067 ON FEB 3	1933
1947	---	---	---	1947
1948	---	217.586 ON AUG 22	216.672 ON DEC 7	1948
1949	---	217.100 ON JUN 28	216.328 ON NOV 23	1949
1950	---	218.045 ON AUG 7	216.564 ON MAR 29	1950
1951	---	217.678 ON JUN 18	217.089 ON NOV 4	1951
1952	---	217.450 ON JUL 2	216.771 ON NOV 19	1952
1953	---	217.777 ON NOV 7	216.591 ON MAY 10	1953
1954	---	217.928 ON OCT 21	216.577 ON APR 10	1954
1955	---	217.989 ON JUL 21	216.755 ON NOV 7	1955
1956	---	217.801 ON JUL 23	216.923 ON NOV 7	1956
1957	---	217.487 ON JUL 29	---	1957
1958	---	218.954 ON MAY 13	216.499 ON DEC 4	1958
1959	---	217.380 ON AUG 5	216.490 ON MAR 27	1959
1960	---	217.475 ON JUN 8	---	1960
1961	---	218.874 ON MAY 12	215.926 ON OCT 29 *	1961
1962	---	217.005 ON OCT 2	216.106 ON FEB 13	1962
1963	---	217.325 ON JUL 12	216.405 ON NOV 12	1963
1964	---	217.069 ON JUL 24	216.489 ON NOV 21	1964
1965	---	217.756 ON AUG 14	216.679 ON FEB 4	1965
1966	218.551 AT 1730 CST ON JUL 21	218.414 ON JUL 21	217.266 ON NOV 18	1966
1967	218.112 AT 0800 CST ON JUN 4	217.950 ON MAY 22	---	1967
1968	---	217.505 ON NOV 13	---	1968
1969	217.917 AT 0714 CST ON MAY 26	217.892 ON MAY 26	217.322 ON JAN 1	1969
1970	218.167 AT 1503 CST ON AUG 8	218.130 ON JUL 22	217.103 ON OCT 3	1970
1971	218.048 AT 0100 CST ON MAY 29	217.983 ON MAY 26	---	1971
1972	218.008 AT 1207 CST ON MAY 9	217.983 ON MAY 15	216.882 ON OCT 17	1972
1973	217.548 AT 1210 CST ON JUL 12	217.517 ON JUL 12	216.890 ON NOV 8	1973
1974	218.600 AT 0815 CST ON JUL 13 *	218.572 ON JUL 13 *	217.140 ON JAN 1	1974
1975	---	218.179 ON AUG 7	---	1975
1976	217.581 AT 1400 CST ON AUG 18	217.548 ON AUG 18	---	1976
1977	---	---	---	1977
1978	217.844 AT 1520 CST ON SEP 23	217.801 ON SEP 23	---	1978
1979	217.896 AT 1936 CST ON JUN 25	217.850 ON JUL 6	216.809 ON NOV 2	1979
1980	217.742 AT 0940 CST ON AUG 28	217.680 ON AUG 28	216.935A ON NOV 30	1980
1981	217.585 AT 1410 CST ON SEP 23	217.517 ON SEP 23	216.675 ON DEC 8	1981
1982	216.118 AT 1930 CST ON AUG 8	218.054 ON AUG 9	216.804 ON NOV 21	1982
1983	217.801 AT 2221 CST ON AUG 3	217.784 ON AUG 3	216.786 ON NOV 25	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER AT WARREN LANDING - STATION NO. 05UB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	217.511	---	---	---	---	1959
1961	---	---	---	---	---	---	216.972	216.849	216.681	---	---	---	---	1961
1962	---	---	---	---	---	216.989	217.106	217.198	217.226	217.135	---	---	---	1962
1963	---	---	---	---	---	---	217.419	217.394	217.334	217.205	---	---	---	1963
1966	---	---	---	---	---	---	216.808	---	---	---	217.935	---	---	1966
1967	---	---	---	217.889	---	218.067	216.018	217.901	---	---	---	---	---	1967
1968	---	---	217.283	217.351	217.418	217.488	217.550	217.610	---	---	217.833	---	---	1968
1969	---	---	217.920	217.974	218.104	218.124	218.140	218.185	218.172	218.127	---	---	---	1969
1970	---	---	---	---	---	---	218.447	218.313	218.083	218.110	---	---	---	1970
1971	---	---	---	---	218.238	218.225	218.093	217.988	217.774	---	---	---	---	1971
1972	---	217.864	217.925	218.051	---	---	218.063	217.933	217.702	217.540	217.504	---	---	1972
1973	---	217.578	217.622	---	---	---	217.459	217.692	217.505	217.502	---	---	---	1973
1974	---	---	217.820	217.931	---	---	218.673	218.799	218.662	218.417	---	218.154	218.127	1974
1975	218.147	---	---	---	218.178	218.348	---	218.431	218.278	218.132	217.910	---	---	1975
1976	---	---	---	---	---	217.873	217.745	217.818	217.402	---	---	---	---	1976
1977	---	---	---	---	---	218.898	218.895	---	---	217.033	216.987	217.092	---	1977
1978	217.085	217.118	217.149	217.282	217.473	217.586	217.722	217.784	---	---	---	---	---	1978
1979	---	---	---	---	---	218.028	217.969	217.788	217.745	---	---	217.427	---	1979
1980	217.415	217.437	217.454	217.472	217.543	217.549	217.610	217.678	217.678	217.473	217.379	217.298	217.499	1980
1981	217.259	217.208	217.150	217.211	217.183	217.231	217.407	217.417	217.383	217.420	217.458	---	---	1981
1982	---	---	---	---	---	217.981	217.715	---	---	217.502	217.351	217.348	---	1982
1983	217.333	217.340	217.402	217.479	217.585	217.703	217.822	217.728	217.528	217.557	217.408	217.333	217.528	1983
MEAN	217.448	217.424	217.528	217.628	217.713	217.736	217.790	217.783	217.657	217.567	217.572	217.437	217.513	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

LOCATION - LAT 53 41 51 N
LONG 97 52 15 W REGULATED SINCE 1973

REMARKS - RECORDS PRIOR TO 1988 WERE PUBLISHED UNDER THE TITLE "LAKE WINNIPEG AT WARREN LANDING" STATION NO. 05SH003

NELSON RIVER AT WARREN LANDING - STATION NO. 05UB003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	217.886 ON NOV 13	---	1968
1969	---	218.396 ON SEP 19	---	1969
1970	---	---	---	
1971	218.478 AT 2215 CST ON JUL 7	218.340 ON JUN 10	---	1970
1972	---	218.282 ON JUN 17	---	1971
1973	217.962 AT 1115 CST ON JUL 12	217.804 ON JUL 18	---	1972
1974	218.072 AT 2250 CST ON JUL 20 *	218.926 ON JUL 20 *	---	1973
1975	---	---	---	1974
1976	---	---	---	1975
1977	217.685 AT 1047 CST ON NOV 12	217.389 ON OCT 23	---	1976
1978	---	---	---	1977
1979	218.237 AT 0125 CST ON JUN 24	218.132 ON JUN 25	---	1978
1980	218.215 AT 1952 CST ON SEP 20	218.019 ON SEP 20	217.133 ON OCT 31	1979
1981	217.997 AT 1245 CST ON OCT 2	217.806 ON OCT 2	216.997 ON SEP 27 *	1980
1982	217.992 AT 1300 CST ON AUG 12	217.929 ON AUG 12	---	1981
1983	218.189 AT 1050 CST ON SEP 17	217.989 ON SEP 17	217.080 ON NOV 25	1982
				1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER NEAR WARREN LANDING - STATION NO. 05UB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	217.573	217.540	---	217.267	217.105	217.077	---	1957
1958	217.030	217.025	217.040	217.037	217.004	216.880	217.052	217.118	217.057	216.992	216.774	216.780	216.990	1958
1959	216.821	216.817	216.798	216.780	217.050	217.313	217.383	217.515	217.398	217.336	217.367	217.325	217.158	1959
1960	217.310	217.320	217.268	217.314	---	217.648	217.640	217.568	217.395	217.135	216.985	---	---	1960
1961	216.890	216.869	216.828	216.924	216.843	216.961	216.950	216.774	216.598	216.609	216.593	216.593	216.799	1961
1962	216.592	216.586	216.534	---	216.784	216.971	217.122	217.087	217.068	216.836	216.805	---	---	1962
1963	---	---	---	---	217.142	217.184	217.450	217.405	217.326	217.200	216.922	216.829	---	1963
1964	216.813	216.820	216.795	216.895	217.028	217.124	217.233	217.189	217.028	216.931	216.858	216.750	216.957	1964
1965	216.764	216.807	216.881	216.999	217.240	217.632	217.672	217.905	217.737	217.745	217.655	217.623	217.410	1965
1966	217.615	217.598	---	---	---	218.385	218.449	218.303	218.121	---	---	---	---	1966
1967	---	---	---	---	---	217.835	217.879	217.737	---	---	---	---	---	1967
1968	217.306	217.262	217.291	---	---	---	---	217.437	217.462	217.420	---	---	---	1968
1969	---	---	---	---	---	218.068	218.128	218.118	218.109	---	---	---	---	1969
1971	---	---	---	---	---	---	217.982	217.870	---	---	---	---	---	1971
1973	---	---	---	---	---	217.441	217.564	---	---	---	---	---	---	1973
MEAN	217.018	217.014	216.939	216.993	217.027	217.488	217.590	217.560	217.394	217.147	217.004	216.988	217.053	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 43 34 N DRAINAGE AREA, 884 000 km²
LONG 97 52 13 W NATURAL FLOW

NELSON RIVER NEAR WARREN LANDING - STATION NO. 05UE002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	---	---	1957
1958	---	217.255 ON AUG 22	216.457 ON NOV 15 *	1958
1959	---	217.578 ON JUL 29	216.737 ON APR 9	1959
1960	---	217.578 ON JUN 7	216.871 ON NOV 15	1960
1961	---	217.048 ON JUN 29	216.586 ON SEP 4	1961
1962	---	217.140 ON JUN 27	---	1962
1963	---	---	---	1963
1964	---	217.388 ON AUG 6	216.713 ON NOV 15	1964
1965	---	218.075 ON AUG 10 *	216.771 ON JAN 2	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1971	---	---	---	1971
1973	217.780 AT 1810 CST ON JUL 12 *	217.652 ON JUL 13	---	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	256.081	---	---	256.928	---	---	---	---	---	1964
1966	---	256.146	256.205	256.283	256.364	256.438	256.582	256.664	256.703	256.681	256.585	---	---	1966
1967	---	---	---	256.378	256.378	256.435	---	---	---	---	---	---	---	1967
1968	---	---	---	256.189	256.210	---	---	---	---	256.254	256.311	---	---	1968
1969	---	---	---	---	256.192	256.198	256.151	---	256.130	---	256.242	256.278	---	1969
1970	---	256.306	256.235	256.132	256.146	256.173	256.287	256.271	256.280	256.388	---	---	---	1970
1971	---	256.382	256.320	256.292	256.332	256.286	256.257	256.214	---	256.305	---	---	---	1971
1972	---	256.318	256.220	256.176	256.261	256.310	---	---	256.331	256.383	256.413	256.443	---	1972
1973	256.354	256.247	256.192	256.153	256.196	256.246	256.307	256.298	256.381	256.393	---	---	---	1973
1974	---	256.423	256.378	---	---	---	---	256.536	256.581	256.584	256.599	256.566	---	1974
1975	---	---	---	---	---	256.418	256.477	256.501	256.537	256.533	256.408	256.358	---	1975
1976	---	---	---	256.131	256.086	256.056	256.034	256.004	256.004	256.048	256.104	---	---	1976
1977	---	256.152	256.084	---	256.021	255.910	255.872	255.882	255.950	256.006	256.114	---	---	1977
1978	256.176	256.021	255.958	255.843	256.006	255.995	255.975	255.958	255.954	256.021	256.112	256.178	256.026	1978
1979	---	---	---	256.286	256.272	256.396	256.380	256.372	256.392	256.442	256.631	256.567	---	1979
1980	---	256.417	256.329	256.272	256.218	256.123	256.152	256.098	256.124	256.169	256.136	256.056	---	1980
1981	255.951	255.819	255.881	---	---	---	---	---	255.934	256.005	256.098	---	---	1981
1982	---	256.176	256.076	256.014	256.074	---	---	255.890	255.932	255.994	255.003	256.026	---	1982
1983	256.011	---	---	255.921	---	---	255.996	---	256.109	256.185	256.189	256.188	---	1983
MEAN	256.123	256.226	256.172	256.164	256.131	256.233	256.205	256.124	256.230	256.269	256.275	256.288	256.026	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 57 00 N
LONG 100 10 00 W REGULATED SINCE 1964

REMARKS - RECORDS PRIOR TO 1969 WERE PUBLISHED UNDER THE TITLE "MOOSE LAKE AT NORTH ARM NARROWS (NORTH SIDE)"

NORTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	256.834 AT 1715 CST ON OCT 9	256.778 ON SEP 4 *	---	1965
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	256.934 AT 1815 CST ON OCT 6	256.585 ON OCT 3	256.081 ON APR 28	1970
1971	256.948 AT 2140 CST ON OCT 7 *	256.517 ON OCT 27	---	1971
1972	256.815 AT 0700 CST ON OCT 18	256.617 ON OCT 18	---	1972
1973	---	---	256.130 ON APR 15	1973
1974	256.910 AT 0950 CST ON AUG 15	256.654 ON JUN 29	---	1974
1975	256.764 AT 2135 CST ON SEP 29	256.680 ON SEP 15	---	1975
1976	---	---	255.819 ON OCT 7	1976
1977	256.285 AT 0230 CST ON NOV 3	---	255.800 ON JUL 2 *	1977
1978	256.422 AT 0336 CST ON NOV 5	256.242 ON NOV 5	255.885 ON AUG 17	1978
1979	256.650 AT 1026 CST ON OCT 5	256.593 ON NOV 1	---	1979
1980	---	---	255.989 ON AUG 15	1980
1981	---	---	---	1981
1982	256.218 AT 1424 CST ON JAN 26	256.215 ON FEB 8	---	1982
1983	256.373 AT 1804 CST ON NOV 7	256.284 ON NOV 7	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH SHOAL LAKE NEAR INWOOD - STATION NO. 05LN004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	29.727	29.621	29.493	29.393	29.327	---	---	---	1976
1977	29.365	29.297	29.317	29.272	29.332R	29.360R	29.358R	29.304	29.294	29.281	29.269	29.292	29.305R	1977
1978	---	29.275	---	---	29.407	---	---	29.442	29.390	29.379	29.375	29.387	---	1978
1979	29.383R	---	---	---	29.479	29.537	29.922	29.674	29.769	29.711	29.710	29.711	---	1979
1980	29.709	29.703	29.704	29.728	29.708	29.609	29.586	29.509	29.494	29.493	29.501	29.493R	29.601R	1980
1981	---	---	---	---	29.388	29.311	29.202	29.253	---	---	---	29.269	---	1981
1982	---	---	29.247R	---	29.344	29.291	29.239	29.209	29.156	29.157R	29.154R	---	---	1982
1983	---	29.133	29.154	---	---	29.206	29.169	29.037	28.955	28.948	---	---	---	1983
MEAN	29.459R	29.352	29.356R	29.500	29.510R	29.492R	29.452R	29.390	29.350	29.328R	29.402R	29.430R	29 453R	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 50 26 00 N
LONG 97 37 30 W

R - REVISED SINCE JAN 1980

NORTH SHOAL LAKE NEAR INWOOD - STATION NO. 05LN004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	---	---	1976
1977	29.536R AT 0440 CST ON MAY 18	29.407R ON JUN 18	29.189 ON NOV 12 *	1977
1978	---	---	---	1978
1979	29.953R AT 1200 CST ON JUN 30 *	---	---	1979
1980	---	29.762E ON MAY 8 *	29.449 ON OCT 4	1980
1981	---	29.519 ON JAN 1	---	1981
1982	---	---	---	1982
1983	29.418 AT 0417 CST ON JUL 4	29.324 ON MAY 3	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

OAK LAKE AT OAK LAKE RESORT - STATION NO. 05NG008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	429.775	429.695	429.581	429.784	---	---	---	1954
1955	---	---	---	---	430.148	430.092	430.031	429.862	429.633	429.522	---	---	---	1955
1965	429.250	429.270	---	---	---	---	---	---	---	---	---	---	---	1965
1966	429.744	429.763	429.770	429.663	429.823	429.783	429.707	429.603	429.550	429.493	429.493	429.486	429.671	1966
1967	429.521	429.578	429.582	429.795	429.850	429.700	---	429.434	429.295	429.276	429.284	429.268	---	1967
1968	429.272	429.338	429.375	429.495	429.524	429.448	429.329	429.334	429.337	---	---	---	---	1968
1969	429.358	429.387	429.438	429.659	---	---	---	---	---	429.663	429.705	---	---	1969
1970	---	---	---	---	---	429.844	429.777	429.708	---	---	---	429.770	---	1970
1971	429.780	429.788	429.791	---	---	---	429.755	429.632	429.538	429.584	429.593	429.601	---	1971
1972	---	---	---	---	---	429.752	429.685	429.589	429.546	429.512	429.503	---	---	1972
1973	---	429.507	429.516	---	---	---	429.419	429.415	429.411	429.457	429.464	---	---	1973
1974	---	---	429.574	429.650	430.037	429.845	429.726	429.607	429.547	429.508	429.500	429.525	---	1974
1975	429.586	429.584	429.571	429.756	430.120	429.908	429.777	429.701	429.794	429.884	429.844	429.815	429.778	1975
1976	429.811	429.808	429.792	430.289	430.088	429.926	429.859	429.703	429.869	---	---	429.734	---	1976
1977	429.762	429.764	429.772	429.780	429.783	429.688	429.640	429.584	429.537	429.543	429.512	429.537	429.653	1977
1978	429.555	429.550	429.536	429.702	429.802	429.748	429.717	429.606	429.517	429.484	429.453	429.470	429.595	1978
1979	429.478	429.486	429.507	---	---	429.837	429.753	429.598	429.473	429.416	429.408	429.394	---	1979
1980	429.421	429.427	429.431	429.541	429.584	429.438	429.368	429.345	429.311	429.279	429.292	429.295	429.384	1980
1981	429.302	429.319	429.369	429.406	429.329	429.267	429.186	429.120	429.065	429.084	429.065	429.077	429.217	1981
1982	---	---	429.791	430.037	429.678	429.578	429.512	429.431	429.408	429.411	---	---	---	1982
1983	---	---	---	429.607	429.892	429.787	429.745	429.621	429.559	429.532	---	---	---	1983
MEAN	429.525	429.541	429.590	429.780	429.818	429.724	429.652	429.557	429.504	429.494	429.470	429.489	429.551	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 40 N
LONG 100 42 30 W

DRAINAGE AREA, 4 770 km²
REGULATED

OAK LAKE AT OAK LAKE RESORT - STATION NO. 05NG005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	---	---	1954
1955	---	430.248 ON JUL 25	---	1955
1956	---	430.240 ON MAY 19	---	1956
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	429.933 ON APR 16	429.489 ON OCT 14	1967
1968	---	429.908 ON APR 25	429.238 ON SEP 25	1968
1969	---	429.556 ON MAY 13	---	1969
		429.687 ON APR 22	---	
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	430.414 AT 0841 CST ON APR 27	430.378 ON APR 27	429.481 ON NOV 13	1974
1975	430.335 AT 1350 CST ON MAY 5	430.330 ON MAY 5	429.562 ON JAN 12	1975
1976	430.678 AT 1846 CST ON APR 17 *	430.673 ON APR 17 *	---	1976
1977	429.795 AT 1820 CST ON MAY 13	429.782A ON APR 15	429.494 ON NOV 17	1977
1978	429.641 AT 1752 CST ON MAY 8	429.620 ON MAY 1	429.436 ON NOV 10	1978
1979	---	---	429.385 ON DEC 18	1979
1980	429.649 AT 1629 CST ON APR 28	429.644 ON APR 28	429.224 ON OCT 10	1980
1981	429.584 AT 0047 CST ON APR 21	429.448 ON APR 8	429.036 ON OCT 22 *	1981
1982	---	430.255 ON MAR 29	---	1982
1983	430.077 AT 1606 CST ON APR 30	430.065 ON APR 30	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTTER LAKE NEAR BROAD VALLEY - STATION NO. 05SD801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	274.332	274.295	---	---	---	---	---	---	---	1983
MEAN	---	---	---	---	274.332	274.295	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 58 58 N
LONG 97 48 11 W REGULATED

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1958-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

OXFORD LAKE AT OXFORD HOUSE - STATION NO. 04AA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	187.373	---	186.948	---	186.758	186.815	---	1957
1958	186.827	186.842	186.868	186.867	186.908	187.082	187.064	187.053	187.037	---	187.159	187.200	---	1958
1959	187.236	187.272	187.278	187.272	187.536	188.018	188.210	187.917	188.178	188.096	187.636	187.668	187.711	1959
1960	187.537	187.452	187.391	187.332	187.476	187.686	187.553	187.315	187.152	186.991	186.992	187.037	187.330	1960
1961	187.062	186.958	186.910	186.861	186.939	187.083	187.058	186.919	186.809	186.756	186.801	186.836	186.912	1961
1962	186.849	186.853	186.851	186.836	186.976	187.261	187.211	187.046	187.042	187.055	187.047	187.147	187.016	1962
1963	187.231	187.251	187.236	187.217	187.405	187.549	187.416	187.223	187.123	187.043	186.985	186.934	187.218	1963
1964	186.932	186.930	186.931	186.937	187.105	187.221	187.129	187.022	187.017	187.081	187.101	187.153	187.045	1964
1965	187.180	187.178	187.176	187.133	---	187.825	187.856	187.682	187.804	187.491	---	---	---	1965
1966	187.328	187.317	187.287	187.253	187.295	187.787	188.008	187.779	187.593	187.425	187.313	187.310	187.476	1966
1967	187.288	187.295	187.272	187.329	187.407	---	188.028	187.878	187.419	187.283	187.185	187.191	---	1967
1968	187.208	187.198	187.158	187.178	---	187.830	187.870	187.873	187.804	187.618	187.573	187.448	---	1968
1969	187.394	---	---	187.350	187.332	187.208	187.177	187.138	187.224	187.448	187.443	187.406	---	1969
1970	187.342	187.286	187.269	187.285	187.316	187.404	187.597	187.555	187.385	187.358	187.514	187.581	187.409	1970
1971	187.445	187.369	187.320	187.282	187.406	187.539	187.475	187.439	187.329	187.195	187.244	187.295	187.371	1971
1972	187.325	187.287	187.227	187.192	187.447	187.586	187.470	187.322	187.186	187.085	187.074	187.094	187.273	1972
1973	187.088	187.056	187.073	187.157	187.134	187.304	187.329	187.339	187.285	187.255	187.293	187.324	187.321	1973
1974	187.308	187.278	187.238	187.201	187.380	187.613	187.563	187.478	187.347	---	187.221	187.212	---	1974
1975	187.329	187.231	187.118	187.158	187.246	187.342	187.318	187.238	187.178	187.181	187.114	---	---	1975
1976	---	---	---	---	---	---	187.038	187.068	187.088	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	187.336	187.320	---	---	---	1977
1978	---	---	---	---	---	187.278	187.252	187.234	187.215	187.302	187.387	187.420	---	1978
1979	187.427	187.387	187.347	187.316	187.472	188.127	187.952	187.814	187.602	187.326	187.387	187.344	187.508	1979
1980	187.323	187.317	187.284	187.236	187.258	187.220	187.155	187.094	187.186	187.344	187.354	187.319	187.257	1980
1981	187.301	187.261	187.232	187.184	187.221	187.373	187.475	187.445	187.298	187.209	187.330	187.373	187.308	1981
1982	---	---	---	---	---	---	187.476	187.500	187.499	187.371	---	---	---	1982
1983	---	---	187.373	187.328	187.520	188.030	187.907	187.690	187.647	187.475	187.420	187.418	---	1983
MEAN	187.231	187.197	187.183	187.175	187.288	187.507	187.485	187.378	187.291	187.289	187.338	187.350	187.289	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -183.595 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

LOCATION - LAT 54 57 10 N
LONG 85 18 00 W NATURAL FLOW

REMARKS - RECORDS FOR THE PERIOD 1957-80 WERE PUBLISHED UNDER THE TITLE "HAYES RIVER AT OUTLET OF OXFORD LAKE, NO. 04AA001"

OXFORD LAKE AT OXFORD HOUSE - STATION NO. 04AA002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	187.353 ON JUL 25	---	1957
1958	---	187.235 ON DEC 28	186.826 ON JAN 1	1958
1959	---	188.292 ON JUL 9 *	187.217 ON JAN 1	1959
1960	---	187.736 ON JUN 13	186.833 ON OCT 28	1960
1961	---	187.122 ON JUN 28	186.701 ON SEP 25 *	1961
1962	---	187.345 ON JUN 10	186.790 ON MAY 4	1962
1963	---	187.631 ON MAY 31	186.815 ON DEC 8	1963
1964	---	187.262 ON JUN 8	186.821 ON FEB 21	1964
1965	---	187.686 ON JUN 26	187.107 ON APR 26	1965
1966	---	188.056 ON JUL 13	187.189 ON MAY 17	1966
1967	---	188.280 ON JUN 22	187.156 ON DEC 11	1967
1968	---	187.760 ON JUL 31	187.043 ON FEB 18	1968
1969	---	187.515 ON OCT 16	187.021 ON AUG 13	1969
1970	---	187.631 ON JUL 17	187.177 ON OCT 6	1970
1971	---	187.607 ON JUN 1	187.143 ON OCT 18	1971
1972	---	187.604 ON JUN 2	187.031 ON OCT 25	1972
1973	---	187.372 ON AUG 19	186.954 ON FEB 27	1973
1974	---	187.637 ON JUN 7	---	1974
1975	---	187.378 ON APR 13	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	187.457 AT 2110 CST ON DEC 29	187.436 ON DEC 30	---	1978
1979	188.226 AT 2225 CST ON JUN 14 *	188.218 ON JUN 18	187.268 ON OCT 20	1979
1980	187.443 AT 1150 CST ON OCT 31	187.411 ON OCT 31	187.019 ON AUG 20	1980
1981	187.511 AT 2048 CST ON JUL 11	187.511 ON JUL 11	187.128 ON APR 29	1981
1982	---	---	---	1982
1983	188.185 AT 0935 CST ON JUN 10	188.140 ON JUN 9	187.293 ON APR 25	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -183.585 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARTRIDGE CREEK NEAR ST. MARTIN - STATION NO. 05LM002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	245.158	245.252	---	---	---	1954
1955	---	---	---	---	245.405	---	245.529	---	245.240	245.142	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	244.789	---	244.604	244.580	---	---	---	1958
1959	---	---	---	---	---	---	244.283	244.188	244.154	243.887	---	---	---	1959
1960	---	---	---	---	244.148	---	244.184	244.248	243.988	243.923	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	244.451	244.484	244.335	---	---	244.161	---	---	---	1962
1963	---	---	---	244.030	---	243.633	243.842	243.982	243.837	243.872	243.818	---	---	1963
1964	---	---	---	---	243.898	243.887	243.833	---	---	243.877	243.888	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	244.808	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	244.961	245.057	---	---	245.193	245.342	245.165	---	244.138	---	243.782	---	---	1970
1971	244.913	245.002	244.892	244.738	244.577	244.483	244.382	244.258	244.229	244.148	243.930	243.928	244.441	1971
1972	---	---	---	---	244.038	244.533	244.611	244.477	244.423	244.418	244.586	244.443	---	1972
1973	---	---	---	244.718	244.647	245.320	245.202	---	244.512	---	243.788	---	---	1973
1974	---	---	---	245.144	245.235	245.228	245.074	---	---	---	---	---	---	1974
1975	244.840	244.804	244.578	244.857	244.611	245.139	245.080	244.887	244.810	245.083	245.072	---	---	1975
1976	---	245.111	245.028	245.188	245.532	245.580	---	245.137	244.987	243.933	243.816	---	---	1976
1977	---	---	---	244.009	243.716	244.266	---	---	---	---	---	---	---	1977
1978	---	---	244.587	244.892	244.323	244.323	---	---	---	---	---	---	---	1978
1979	---	---	244.381	244.918	245.480	245.828	---	---	---	---	---	---	---	1979
1980	---	---	---	244.801	244.201	243.981	---	---	---	---	---	---	---	1980
1981	---	---	---	243.990	243.688	243.987	---	---	---	---	---	---	---	1981
1982	---	---	---	---	243.672	243.844	---	---	---	---	---	---	---	1982
1983	---	---	---	244.174	244.098	244.276	---	---	---	---	---	---	---	1983
MEAN	244.849	244.933	244.574	244.519	244.519	244.605	244.585	244.438	244.379	244.306	244.101	244.420	244.441	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 42 30 N DRAINAGE AREA, 184 km²
LONG 98 38 30 W NATURAL FLOW

REMARKS - DISCHARGE RECORDS FOR THE PERIOD 1954-59 WERE PUBLISHED UNDER THE TITLE "PINEIMUTA LAKE NEAR ST. MARTIN"

PARTRIDGE CREEK NEAR ST. MARTIN - STATION NO. 05LM002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	245.899 ON FEB 15	244.881 ON NOV 7	1956
1957	---	245.387 ON FEB 8	244.453 ON NOV 6	1957
1958	---	244.896 ON FEB 14	243.840 ON OCT 22	1958
1959	---	245.126 ON APR 3	243.843 ON SEP 9	1959
1960	---	245.379 ON APR 15	243.617 ON DEC 31	1960
1961	---	244.450 ON JUL 23	---	1961
1962	---	---	---	1962
1963	---	245.309 ON APR 2	---	1963
1964	---	244.745 ON APR 16	---	1964
1965	---	245.918 ON APR 11 *	---	1965
1966	---	245.581 ON APR 2	---	1966
1967	---	245.526 ON JUN 3	---	1967
1968	---	245.074 ON FEB 24	243.514 ON MAY 3 *	1968
1969	---	245.218 ON APR 12	243.858 ON DEC 29	1969
1970	---	245.455 ON JUL 2	---	1970
1971	---	245.309 ON AUG 8	---	1971
1972	---	245.287 ON APR 21	243.624 ON SEP 27	1972
1973	244.988 AT 1933 CST ON JUL 23 *	244.965 ON JUL 24	243.639A ON MAY 16	1973
1974	---	245.696A ON JUN 6	---	1974
1975	---	245.413A ON JUN 28	244.297 ON SEP 3	1975
1976	---	245.659A ON JUN 4	---	1976
1977	---	---	---	1977
1978	---	245.434 ON APR 18	---	1978
1979	---	245.675 ON JUN 14	---	1979
1980	---	---	---	1980
1981	---	244.798 ON MAR 29	---	1981
1982	243.875 AT 1438 CST ON APR 29	243.833 ON APR 29	---	1982
1983	244.648 AT 1312 CST ON APR 10	244.763 ON APR 10	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELICAN LAKE NEAR NINETTE - STATION NO. 05DA802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	411.339	---	---	411.418	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	411.859	---	---	---	---	1955
1956	---	---	---	---	---	---	---	411.902	411.748	411.658	---	---	---	1956
1957	---	---	---	---	---	411.712	411.655	411.537	---	---	---	---	---	1957
1958	---	---	---	---	---	---	411.508	411.410	411.316	411.251	---	---	---	1958
1959	---	---	---	---	---	---	411.381	411.369	411.368	411.377	---	---	---	1959
1960	---	---	---	---	---	412.084	411.953	411.832	411.686	411.614	411.588	---	---	1960
1961	---	---	---	---	411.782	411.701	411.581	411.433	411.345	411.329	411.321	---	---	1961
1962	---	---	---	---	411.574	411.765	411.648	---	411.862	411.804	411.785	---	---	1962
1963	---	---	---	---	412.026	---	412.010	411.970	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1967	---	---	---	---	---	---	411.784	411.654	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	411.706	411.692	411.684	411.678	411.702	411.675	411.606	411.576	411.523	411.526	411.480	411.512	411.618	1977
1978	411.532	411.543	411.541	411.617	411.629	411.597	411.556	411.442	411.344	411.279	411.261	411.288	411.465	1978
1979	411.285	411.304	411.315	411.409	411.653	---	411.597	411.523	411.428	411.378	411.351	411.359	---	1979
1980	411.378	411.388	411.389	411.414	411.386	411.247	411.177	411.203	411.245	411.230	411.230	411.235	411.291	1980
1981	411.238	411.248	411.265	---	411.178	411.173	411.130	411.114	411.060	411.062	411.026	411.020	---	1981
1982	---	---	411.062	---	---	411.173	411.193	411.120	411.017	411.041	411.056	411.063	---	1982
1983	411.080	411.087	411.116	---	411.284	---	---	---	410.997	410.980	---	---	---	1983
MEAN	411.372	411.377	411.335	411.530	411.578	411.550	411.574	411.527	411.403	411.347	411.344	411.348	411.488	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 24 00 N
LONG 99 38 20 W

DRAINAGE AREA, 481 km²
REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

PELICAN LAKE NEAR NINETTE - STATION NO. 05OA602

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	***	411.559 ON JUL 8	411.069 ON MAY 24	1954
1955	***	***	***	1955
1956	***	***	***	1956
1957	***	412.001 ON AUG 22	***	1957
1958	***	***	***	1958
1959	***	***	***	1959
1960	***	412.289 ON MAY 30	***	1960
1961	***	411.803 ON MAY 1	***	1961
1962	***	411.901 ON SEP 1	***	1962
1963	***	412.245 ON AUG 3	***	1963
1964	***	412.189 ON JUN 22	***	1964
1965	***	412.071 ON JUL 21	***	1965
1967	***	***	***	1967
1968	***	411.654 ON SEP 14	***	1968
1969	***	412.263 ON MAY 8	***	1969
1970	***	412.385 ON MAY 13	411.693 ON NOV 22	1970
1971	***	412.013 ON JUN 29	***	1971
1973	***	411.785 ON MAY 10	411.507 ON DEC 6	1973
1974	***	412.404 ON JUN 6	***	1974
1975	***	412.196 ON MAY 13	***	1975
1976	***	412.565 ON APR 24 *	***	1976
1977	***	411.739 ON MAY 28	411.428 ON NOV 2	1977
1978	***	411.554 ON MAY 9	411.324 ON NOV 5	1978
1979	***	411.744 ON JUN 7	411.260 ON JAN 8	1979
1980	***	411.420 ON MAY 1	411.126 ON AUG 2	1980
1981	***	411.270 ON APR 1	411.019E ON NOV 17	1981
1982	***	***	410.975 ON SEP 27 *	1982
1983	***	411.311 ON APR 20	***	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE ABOVE WHISKEY JACK NARROWS - STATION NO. 05UB015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	***	***	***	***	***	***	217.498	217.383	217.199	***	***	***	***	1971
1973	***	***	***	***	***	***	***	***	217.226	***	***	***	***	1973
MEAN	***	***	***	***	***	***	217.498	217.383	217.213	***	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 23 00 N
LONG 98 00 50 W

PLAYGREEN LAKE ABOVE WHISKEY JACK NARROWS - STATION NO. 05UB015

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	***	***	***	1971
1973	217.683 AT 1730 CST ON JUL 11 *	217.694 ON JUL 12 *	***	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE AT ENTRANCE TO EAST NELSON RIVER - STATION NO. 05UB005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	***	***	***	***	***	217.697	217.612	217.539	***	***	***	***	***	1967
1968	***	***	***	***	***	217.355	217.260	217.297	217.344	***	***	***	***	1968
1971	***	***	***	***	***	***	217.761	217.636	217.444	***	***	***	***	1971
1973	***	***	***	***	***	217.331	217.464	217.437	217.289	***	***	***	***	1973
MEAN	***	***	***	***	***	217.494	217.579	217.500	217.362	***	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 54 12 N
LONG 97 53 25 W NATURAL FLOW

PLAYGREEN LAKE AT ENTRANCE TO EAST NELSON RIVER - STATION NO. 05UB005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	218.087 AT 1300 CST ON JUN 4 *	217.881 ON JUN 3 *	***	1967
1968	217.457 AT 0831 CST ON SEP 15	217.447 ON SEP 15	***	1968
1971	***	***	***	1971
1973	217.597 AT 1710 CST ON JUL 2	217.548 ON JUL 12	***	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE AT TAIT ISLAND NEAR NORWAY HOUSE - STATION NO. 05UB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	***	***	***	***	***	***	***	217.130	***	***	***	***	***	1951
1952	***	***	***	***	***	***	217.001	216.939	216.847	***	***	***	***	1952
1956	***	***	***	***	***	***	***	***	217.380	***	***	***	***	1956
1967	***	***	***	***	***	***	217.371	217.217	***	***	***	***	***	1967
1968	***	***	***	***	***	216.876	216.691	216.905	216.976	***	***	***	***	1968
MEAN	***	***	***	***	***	216.876	217.088	217.048	217.134	***	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 18 10 N
LONG 98 00 40 W NATURAL FLOW

PLAYGREEN LAKE AT TAIT ISLAND NEAR NORWAY HOUSE - STATION NO. 05UB004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	***	***	***	1951
1952	***	***	***	1952
1956	***	***	***	1956
1967	***	***	***	1967
1968	217.136 AT 1912 CST ON SEP 15 *	217.113 ON SEP 15 *	***	1968

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE BELOW LULU ISLAND - STATION NO. 05UB014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	***	***	***	***	***	***	217.438	217.336	***	***	***	***	***	1971
1973	***	***	***	***	***	217.184	217.394	217.354	217.181	***	***	***	***	1973
MEAN	***	***	***	***	***	217.184	217.413	217.345	217.181	***	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 13 10 N
LONG 98 09 40 W

PLAYGREEN LAKE BELOW LULU ISLAND - STATION NO. 05UB014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	***	***	***	1971
1973	217.614 AT 1740 CST ON JUL 12 *	217.490 ON JUL 12 *	***	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE OPPOSITE BELFOUR POINT NEAR NORWAY HOUSE - STATION NO. 05UB005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	***	***	***	***	***	***	***	***	217.381	***	***	***	***	1967
1968	***	***	***	***	***	217.175	***	***	217.266	217.204	***	***	***	1968
1980	***	***	***	***	217.724	217.696	217.700	217.669	217.690	***	***	***	***	1980
1971	***	***	***	***	***	***	***	217.681	217.555	217.360	***	***	***	1971
1973	***	***	***	***	***	217.315	***	***	217.211	***	***	***	***	1973
MEAN	***	***	***	***	217.724	217.395	217.691	217.607	217.383	217.284	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 03 46 N
LONG 98 11 03 W NATURAL FLOW

PLAYGREEN LAKE OPPOSITE BELFOUR POINT NEAR NORWAY HOUSE - STATION NO. 05UD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	***	***	***	1967
1968	***	317.411 ON SEP 15	***	1968
1969	***	317.874 ON MAY 26 *	***	1969
1970	***	***	***	1970
1971	***	***	***	1971
1972	317.876 AT 1700 CST ON JUL 11 *	317.581 ON JUL 11	***	1972

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLUM LAKE ABOVE DELEAU DAM - STATION NO. 05NE801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	***	***	***	***	428.924	428.170	428.120	428.987	428.901	428.881	***	***	***	1983
MEAN	***	***	***	***	428.924	428.170	428.120	428.987	428.901	428.881	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 38 30 N
LONG 100 38 28 W

REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

PLUM LAKE NEAR FINDLAY - STATION NO. 05NG805

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	***	***	***	***	***	439.335	***	***	***	***	***	***	***	1967
1968	***	***	***	***	***	***	439.550	439.533	439.377	***	***	***	***	1968
1970	***	***	***	***	***	***	439.533	439.496	439.311	***	***	***	***	1970
1971	***	***	***	***	439.486	439.417	***	***	439.041	***	***	***	***	1971
1972	***	***	***	***	***	439.337	439.182	***	***	***	***	***	***	1972
1975	***	***	***	***	439.916	439.755	***	439.473	439.508	***	***	***	***	1975
1978	***	***	***	***	439.905	439.069	439.039	***	***	***	***	***	***	1978
1979	***	***	***	***	439.486	439.534	***	***	***	***	***	***	***	1979
1980	***	***	***	***	439.750	***	***	***	***	***	***	***	***	1980
1981	***	***	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	***	***	***	1981
1982	***	***	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	***	***	***	1982
1983	***	***	***	***	***	***	***	439.118	439.038	438.980	***	***	***	1983
MEAN	***	***	DRY	DRY	***	***	***	***	***	***	***	***	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 37 45 N
LONG 100 43 08 W

DRAINAGE AREA, 5 150 km²
REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

*** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

PLUM LAKE NEAR FINDLAY - STATION NO. 05NG805

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	***	***	***	1967
1968	***	***	***	1968
1970	***	***	***	1970
1971	***	***	***	1971
1972	***	439.539 ON MAY 9	***	1972
1975	***	439.600 ON APR 25	***	1975
1978	***	439.073 ON MAY 9 *	***	1978
1979	***	***	***	1979
1980	***	439.943 ON MAY 27	***	1980
1981	***	***	***	1981
1982	***	***	***	1982
1983	***	***	***	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTAGE RESERVOIR NEAR PORTAGE LA PRAIRIE - STATION NO. 05MJ005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	264.889	264.751	264.584	264.540	264.256	261.491	259.694	258.717	---	1970
1971	258.867	---	---	262.864	264.692	264.731	264.545	264.455	264.498	263.333	259.635	259.254	---	1971
1972	259.150	---	261.215	264.138	264.632	---	264.140	263.854	263.615	262.714	260.471	260.597	---	1972
1973	260.475	260.487	260.567	261.415	263.399	264.853	264.647	264.531	264.462	262.539	260.438	---	---	1973
1974	260.434	260.457	259.772	---	---	263.188	263.748	264.276	264.275	264.229	---	260.521	---	1974
1975	260.603	260.618	---	---	264.013	263.817	264.343	264.648	---	264.374	---	---	---	1975
1976	261.081	261.108	260.880	---	264.385	263.774	264.218	---	---	260.673	260.583	261.017	---	1976
1977	261.031	261.084	261.287	262.028	264.188	264.385	264.680	264.608	264.423	263.954	261.903	260.444	262.661	1977
1978	260.044	259.900	259.945	261.870	263.546	264.098	264.090	264.014	263.990	262.503	260.055	259.628	261.985	1978
1979	259.709	259.651	259.964	261.657	264.024	264.353	264.648	264.400	263.810	260.310	260.205	260.427	261.958	1979
1980	260.459	260.471	260.655	261.762	264.077	264.288	264.297	264.351	263.761	260.867	260.755	260.569	262.204	1980
1981	260.638	260.788	261.204	262.342	264.817	264.708	264.598	264.553	262.270	260.607	260.711	260.755	262.328	1981
1982	260.721	260.782	260.698	263.212	264.513	264.865	264.709	264.618	263.853	260.629	260.557	260.498	262.462	1982
1983	260.788	260.795	261.033	263.301	264.431	264.578	264.500	264.636	262.850	---	---	---	---	1983
MEAN	260.308	260.577	260.659	262.468	264.277	264.308	264.438	264.430	263.854	262.178	260.456	260.221	262.299	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 55 10 N
LONG 98 20 10 W REGULATED SINCE 1970

PORTAGE RESERVOIR NEAR PORTAGE LA PRAIRIE - STATION NO. 05MJ005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	265.072 AT 1600 CST ON MAY 18	265.033 ON MAY 18	---	1970
1971	---	264.987 ON APR 18	258.803 ON JAN 1 *	1971
1972	---	264.960 ON MAY 15	259.025 ON JAN 14	1972
1973	---	264.813 ON JUL 26	259.619 ON NOV 5	1973
1974	264.917 AT 0730 CST ON MAY 2	264.899 ON MAY 2	259.479 ON MAR 18	1974
1975	265.033 AT 0750 CST ON SEP 29	264.996 ON SEP 29	---	1975
1976	264.902 AT 1830 CST ON AUG 4	264.899 ON AUG 4	260.284 ON NOV 12	1976
1977	265.138 AT 1500 CST ON JUL 14 *	265.078 ON JUL 14 *	260.092 ON DEC 28	1977
1978	264.210 AT 0200 CST ON JUN 10	264.191 ON JUN 7	258.989A ON NOV 30	1978
1979	---	264.794A ON JUL 30	259.516A ON JAN 19	1979
1980	264.483 AT 2359 CST ON AUG 24	264.455 ON AUG 24	259.905A ON NOV 27	1980
1981	---	264.917A ON MAY 4	260.275A ON SEP 21	1981
1982	264.854 AT 0713 CST ON JUL 18	264.841 ON JUL 18	259.970A ON NOV 8	1982
1983	264.709 AT 1237 CST ON JUN 4	264.696 ON JUN 4	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAT RIVER BELOW NOTIGI CONTROL STRUCTURE - STATION NO. 05TF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	244.575	244.6.5	244.253	---	---	244.195	244.348	243.886	244.070	244.386	244.413	244.800	---	1978
1979	244.899	244.961	244.883	244.415	---	---	243.228	---	243.711	244.237	244.316	244.581	---	1979
1980	245.002	245.087	244.976	244.584	243.653	244.109	244.184	---	244.119	244.134	---	---	---	1980
1981	---	244.939	244.574	244.321	244.141	244.567	244.853	244.625	243.862	242.841	242.883	---	---	1981
1982	---	---	---	---	---	242.320	243.565	244.135	244.577	244.567	---	---	---	1982
MEAN	244.859	244.803	244.672	244.443	243.897	243.798	244.035	244.272	244.088	244.035	243.871	244.591	---	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 55 51 37 N DRAINAGE AREA, 6 080 km²
LONG 99 17 34 W REGULATED SINCE 1976

RAT RIVER BELOW NOTIGI CONTROL STRUCTURE - STATION NO. 05TF003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	244.986 ON DEC 28	244.986 ON DEC 30	---	1978
1979	245.066 AT 2110 CST ON JAN 18	245.062 ON JAN 18	242.936 ON JUL 28	1979
1980	245.283 AT 1400 CST ON JAN 14 *	245.252 ON JAN 14 *	---	1980
1981	---	---	242.787 ON NOV 1 *	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED DEER LAKE NEAR BARROWS - STATION NO. 05LC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	28.328	28.310	28.184	27.819	---	---	---	---	1913
1914	---	---	---	---	27.795	27.664	27.491	27.177	27.139	27.133	27.126	---	---	1914
1920	---	---	---	---	---	---	---	---	---	26.812	---	---	---	1920

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM

1986	---	---	---	---	---	---	262.850	262.547	262.210	---	---	---	---	1986
1987	---	---	---	---	---	---	262.352	---	---	---	---	---	---	1987
1988	---	---	---	---	---	262.102	262.191	---	262.088	---	261.885	261.805	---	1988
1989	261.744	261.705	261.870	261.942	262.231	262.008	261.806	261.686	261.577	261.686	261.721	261.698	261.790	1989
1970	---	261.685	261.672	261.756	---	262.649	262.661	262.498	262.088	261.922	---	---	---	1970
1971	261.943	261.835	261.748	---	---	262.329	262.020	---	---	---	---	---	---	1971
1972	---	261.758	261.723	261.848	---	262.875	262.335	262.008	261.780	---	261.841	---	---	1972
1973	---	---	---	261.743	261.863	---	262.636	262.298	262.004	261.884	261.810	261.782	---	1973
1974	261.757	261.740	261.723	261.888	---	---	262.552	262.086	261.841	261.917	261.850	261.783	---	1974
1975	261.748	261.727	261.705	261.789	262.618	262.771	262.442	262.111	261.894	262.103	262.042	261.928	262.082	1975
1976	261.845	261.784	---	---	262.234	262.400	---	262.265	261.838	261.737	261.858	261.840	---	1976
1977	261.626	261.630	261.662	261.788	261.931	261.816	261.760	261.694	262.000	262.069	262.038	261.961	261.847	1977
1978	261.868	261.789	261.752	261.905	262.548	262.313	262.071	261.912	261.819	261.940	---	261.944	---	1978
1979	261.856	261.782	261.758	261.923	263.189	263.536	262.775	262.199	261.905	261.786	261.725	261.695	262.180	1979
1980	261.870	261.862	261.875	261.787	261.820	261.868	261.587	261.571	261.831	261.892	261.708	261.898	261.875	1980
1981	261.886	261.873	261.880	261.785	261.918	261.801	261.814	261.744	261.618	261.727	261.910	261.857	261.787	1981
1982	261.784	261.758	261.785	261.836	262.072	262.178	262.084	262.018	261.862	261.834	---	---	---	1982
1983	261.899	261.873	261.887	261.734	262.460	262.817	262.785	262.480	---	---	261.923	261.868	---	1983

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1913 ADJ.)

LOCATION - LAT 52 53 40 N
LONG 101 27 50 W

DRAINAGE AREA, 14 000 km²
NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

RED DEER LAKE NEAR BARROWS - STATION NO. 05LC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1913	---	---	---	1913
1914	---	28.093 ON JUN 4	---	1914
1920	---	---	---	1920

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM

1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	262.314 ON MAY 7	261.454 ON SEP 18	1989
1970	---	---	261.659 ON JAN 19	1970
1971	---	---	---	1971
1972	---	263.600 ON MAY 18	---	1972
1973	---	262.710 ON JUL 10	---	1973
1974	---	263.538 ON JUN 2	261.892 ON APR 13	1974
1975	---	262.82^^ ON JUN 13	261.889A ON MAR 31	1975
1976	262.930 AT 1315 CST ON JUL 1	262.905 ON JUL 2	---	1976
1977	262.185 AT 0528 CST ON OCT 10	262.116 ON OCT 10	261.607 ON JAN 28	1977
1978	262.671 AT 1713 CST ON MAY 13	262.534 ON MAY 14	261.728 ON MAR 26	1978
1979	263.746 AT 0248 CST ON JUN 13	263.694 ON JUN 11	261.676 ON DEC 31	1979
1980	261.962 AT 2253 CST ON MAY 5	261.902 ON MAY 2	261.476 ON JUL 30	1980
1981	262.011 AT 1849 CST ON MAY 23	261.875 ON MAY 22	261.519 ON SEP 23	1981
1982	262.267 AT 1922 CST ON JUL 31	262.232 ON JUN 10	261.711 ON DEC 29	1982
1983	262.929 AT 1434 CST ON JUN 18	262.809 ON JUN 18	261.643 ON APR 12	1983

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1913 ADJ.)

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

RED RIVER ABOVE FLOODWAY CONTROL STRUCTURE - STATION NO. 05OC021

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	228.028	226.736	224.494	223.789	223.778	223.743	222.821	223.498	---	1970
1971	222.654	222.838	223.014	226.920	224.427	---	---	223.708	223.734	223.983	223.785	223.403	---	1971
1972	222.989	223.031	224.124	227.884	225.567	224.337	223.773	223.786	223.725	223.767	222.567	222.388	223.990	1972
1973	222.457	222.662	223.901	222.913	223.639	223.687	223.670	---	---	---	222.825	---	---	1973
1974	222.909	222.916	223.916	227.376	230.410	226.018	223.814	223.835	223.752	223.755	223.783	222.610	224.431	1974
1975	222.671	222.842	222.827	224.713	228.416	224.742	227.677	224.298	223.764	223.738	222.828	222.682	224.281	1975
1976	223.803	222.858	223.005	227.545	224.623	223.955	223.700	223.644	223.647	223.647	222.218	222.040	223.639	1976
1977	---	---	---	---	223.627	223.645	223.671	223.643	223.713	223.643	222.487	222.584	---	1977
1978	222.771	222.832	223.010	229.181	225.610	224.021	224.064	223.742	223.740	223.625	222.344	222.357	223.948	1978
1979	222.522	222.607	222.583	226.309	231.689	225.164	224.281	223.649	223.710	223.577	222.556	222.514	224.293	1979
1980	223.589	222.703	222.875	224.971	223.743	223.730	223.677	223.688	223.698	223.618	---	---	---	1980
1981	---	222.380	222.583	222.632	223.556	223.737	223.609	223.721	223.761	223.718	222.681	222.474	---	1981
1982	---	---	222.765	227.177	224.46	224.103	---	---	---	---	---	---	---	1982
1983	---	---	226.214	226.577	224.16	224.111	---	---	---	---	---	---	---	1983
MEAN	222.706	222.768	223.237	226.177	226.955	224.481	224.248	223.789	223.729	223.711	222.718	222.553	224.097	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 45 10 N
LONG 97 08 00 W

REGULATED

RED RIVER ABOVE FLOODWAY CONTROL STRUCTURE - STATION NO. 05OC021

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	231.641 AT 1530 CST ON MAY 1	231.526 ON MAY 1	---	1970
1971	229.834 AT 0740 CST ON APR 14	228.819 ON APR 14	---	1971
1972	---	226.980 ON APR 18	222.312 ON DEC 4	1972
1973	---	226.293 ON MAR 28	222.400 ON JAN 4	1973
1974	---	233.059 ON APR 24	222.544 ON DEC 5	1974
1975	229.962 AT 1115 CST ON MAY 8	229.944 ON MAY 11	222.449 ON DEC 2	1975
1976	230.103 AT 0200 CST ON APR 11	230.076 ON APR 11	222.004 ON DEC 19 *	1976
1977	223.856 AT 2300 CST ON JUL 13	223.854 ON JUL 14	---	1977
1978	231.189 AT 1200 CST ON APR 18	231.057 ON APR 18	222.227 ON NOV 19	1978
1979	233.188 AT 1318 CST ON MAY 9 *	233.161 ON MAY 9 *	222.356 ON DEC 4	1979
1980	227.411 AT 1700 CST ON APR 13	227.262 ON APR 13	---	1980
1981	224.174 AT 1505 CST ON JUL 5	224.162 ON JUL 5	---	1981
1982	---	226.917 ON APR 18	222.841 ON MAR 22	1982
1983	---	229.029A ON APR 10	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT ELM PARK BRIDGE - STATION NO. 05OC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	223.720	223.437	---	221.831	---	1914
1915	221.822	221.887	221.928	222.807	223.750	223.771	224.358	223.440	223.635	223.475	221.731	221.868	222.880	1915
1916	221.834	221.763	221.868	226.439	226.307	224.480	224.380	223.925	223.879	223.632	222.083	222.092	223.562	1916
1917	222.031	221.977	222.030	224.859	224.284	223.367	223.753	223.026	223.122	223.616	221.462	221.507	222.967	1917
1918	221.504	221.584	222.008	222.822	223.668	223.722	223.874	223.672	223.659	223.443	221.471	221.485	222.732	1918
1919	---	---	---	224.122	223.893	223.788	224.085	223.807	223.183	223.611	221.808	221.818	---	1919
1920	221.998	222.121	222.643	226.183	224.188	223.910	223.852	223.672	223.697	---	---	---	---	1920
1921	---	221.736	221.837	224.144	223.825	223.602	223.761	223.747	223.825	223.877	---	---	---	1921
1922	221.892	221.883	---	224.995	225.241	224.383	223.838	223.808	223.629	223.651	---	---	---	1922
1923	---	---	---	---	225.823	224.085	223.857	223.784	223.718	223.779	---	---	---	1923
1925	---	---	---	---	224.050	---	---	---	---	---	---	---	---	1925
1926	---	---	---	223.611	223.808	223.984	223.766	223.614	223.858	223.873	---	---	---	1926
1927	---	---	---	226.176	226.752	225.335	224.126	223.676	223.854	223.914	---	---	---	1927
1928	---	---	---	224.683	223.857	224.103	224.436	223.751	223.868	223.815	---	---	---	1928
1929	---	---	---	224.142	223.703	223.716	223.630	223.681	223.693	223.713	---	---	---	1929
1930	---	---	---	224.590	224.097	223.751	223.693	223.681	223.854	223.680	---	---	---	1930
1931	---	---	---	223.200	223.177	223.658	223.558	223.657	223.673	223.720	---	---	---	1931
1932	---	---	---	224.159	223.895	223.667	223.854	223.615	---	---	---	---	---	1932
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
MEAN	221.847	221.849	222.072	224.481	224.380	223.998	223.896	223.671	223.868	223.696	221.875	221.782	223.035	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 51 15 N
LONG 97 08 30 W REGULATED SINCE 1969

RED RIVER AT ELM PARK BRIDGE - STATION NO. 05OC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	---	---	1914
1915	---	225.126 ON JUL 11	221.617 ON NOV 13	1915
1916	---	229.478 ON APR 24	221.739 ON FEB 21	1916
1917	---	226.839 ON APR 15	221.376 ON NOV 25	1917
1918	---	223.839 ON JUN 1	221.294 ON NOV 15 *	1918
1919	---	225.548 ON APR 13	---	1919
1920	---	227.411 ON APR 18	---	1920
1921	---	225.481 ON APR 14	---	1921
1922	---	226.336 ON MAY 19	---	1922
1923	---	226.548 ON APR 27	---	1923
1925	---	---	---	1925
1926	---	224.281 ON JUL 3	---	1926
1927	---	227.860 ON MAY 15	---	1927
1928	---	226.027 ON APR 6	---	1928
1929	---	225.930 ON APR 2	---	1929
1950	---	226.789 ON APR 13	---	1950
1956	---	225.412 ON APR 9	---	1956
1966	---	226.725 ON APR 15	---	1966
1969	---	231.974 ON MAY 15 *	---	1969
		228.976 ON APR 27	---	
		230.612 ON APR 16	---	
		227.788 ON APR 27	---	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT JAMES AVENUE PUMPING STATION - STATION NO. 05OJ015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	225.012	223.822	223.726	223.681	223.657	223.681	223.732	223.879	222.526	---	1971
1972	---	---	223.087	225.085	224.649	223.602	223.686	223.686	223.686	223.727	221.923	221.661	---	1972
1973	221.950	221.868	222.746	222.219	223.582	223.664	223.684	223.681	223.734	223.710	222.130	222.138	222.936	1973
1974	222.110	222.085	222.040	224.400	227.023	225.192	223.722	223.693	223.690	223.733	222.183	221.980	223.495	1974
1975	222.068	---	---	223.535	225.013	224.230	226.031	223.913	223.707	223.700	222.440	222.327	---	1975
1976	222.377	222.299	222.288	225.884	224.381	223.857	223.706	223.682	223.695	223.703	221.832	221.423	223.223	1976
1977	221.586	221.529	221.347	222.085	223.642	223.670	223.706	223.678	223.735	223.644	221.804	221.927	222.703	1977
1978	221.980	221.984	221.920	226.055	224.446	223.678	223.746	223.696	223.737	223.643	221.602	221.610	223.178	1978
1979	221.664	221.732	221.679	223.999	227.121	224.525	223.643	223.707	223.679	223.662	221.675	221.686	223.283	1979
1980	222.037	222.041	221.991	223.907	223.693	223.711	223.682	223.717	223.713	223.608	221.822	221.441	222.933	1980
1981	221.524	221.484	221.906	221.916	223.513	223.677	223.684	223.678	223.732	223.628	221.856	221.683	222.707	1981
1982	221.838	221.846	221.814	226.315	224.021	223.721	223.705	223.693	223.704	223.634	222.185	222.226	223.145	1982
1983	222.073	222.053	223.747	225.183	223.734	223.748	223.724	223.723	223.712	223.608	222.004	222.015	223.283	1983
MEAN	221.930	221.894	222.230	224.240	224.588	223.938	223.893	223.709	223.707	223.684	222.017	221.827	223.089	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 53 45 N DRAINAGE AREA, 287 000 km²
LONG 97 07 50 W REGULATED

RED RIVER AT JAMES AVENUE PUMPING STATION - STATION NO. 05OJ015

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	226.936 AT 1730 CST ON APR 12	226.836 ON APR 12	---	1971
1972	226.872 AT 2147 CST ON APR 18	226.811 ON APR 18	221.431 ON NOV 22	1972
1973	225.384 AT 1313 CST ON MAR 28	225.305 ON MAR 28	221.687 ON MAR 8	1973
1974	227.722 AT 0757 CST ON MAY 21 *	227.612 ON MAY 21 *	221.699 ON NOV 23	1974
1975	226.683 AT 0056 CST ON MAY 20	226.588 ON MAY 20	221.837 ON MAR 21	1975
1976	226.869 AT 1123 CST ON APR 9	226.576 ON APR 9	221.357 ON NOV 17	1976
1977	224.037 AT 2116 CST ON JUL 13	223.900 ON JUL 14	221.227 ON MAR 17	1977
1978	227.375 AT 0538 CST ON APR 15	227.046 ON APR 15	221.038A ON NOV 21 *	1978
1979	227.808 AT 1322 CST ON MAY 9	227.598 ON MAY 8	221.853 ON NOV 13	1979
1980	225.863 AT 0439 CST ON APR 13	225.818 ON APR 13	221.260 ON NOV 27	1980
1981	223.984 AT 0821 CST ON MAY 30	223.890 ON MAY 30	221.341 ON FEB 25	1981
1982	226.736 AT 1044 CST ON APR 18	226.667 ON APR 18	221.853 ON MAR 23	1982
1983	227.138 AT 1857 CST ON APR 7	226.890 ON APR 10	221.620 ON NOV 28	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT SELKIRK - STATION NO. 05OJ005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1957	---	---	---	---	---	---	218.204	218.080	217.863	217.770	---	---	---	1957
1958	---	---	---	---	217.553	217.528	217.612	---	---	217.053	---	---	---	1958
1959	---	---	217.213	217.978	217.582	217.782	217.835	217.607	217.766	217.819	---	---	---	1959
1960	---	---	---	---	218.104	217.954	217.906	217.781	217.544	217.421	---	---	---	1960
1961	---	---	---	217.572	217.491	217.485	217.416	217.280	217.182	217.034	216.878	---	---	1961
1962	---	---	---	217.933	217.705	218.328	218.083	217.832	217.785	217.804	217.858	---	---	1962
1963	---	---	217.374	217.835	217.523	---	217.815	217.694	217.464	217.248	217.088	---	---	1963
1964	---	---	---	---	217.498	217.784	217.540	217.558	217.543	217.387	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
MEAN	---	---	217.294	217.830	217.633	217.810	217.774	217.718	217.601	217.443	217.208	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 08 30 N
LONG 96 52 05 W REGULATED

RED RIVER AT SELKIRK - STATION NO. 05OJ005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1950	---	221.294 ON MAY 13	---	1950
1957	---	---	---	1957
1958	---	218.545 ON JUL 14	---	1958
1959	---	220.002 ON APR 12	---	1959
1960	---	222.199 ON APR 14	---	1960
1961	---	217.802 ON JUN 12	---	1961
1962	---	219.700 ON APR 24	---	1962
1963	---	218.545 ON APR 10	---	1963
1964	---	220.535 ON APR 18	---	1964
1965	---	222.294 ON APR 9 *	---	1965
1969	---	220.373 ON APR 29	---	1969

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT ST. ADOLPHE - STATION NO. 05OC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	224.036	223.656	223.618	223.635	222.481	---	---	1967
1968	---	---	---	---	---	224.626	225.052	224.642	224.460	223.680	223.301	---	---	1968
1969	---	---	---	---	---	---	224.267	223.917	223.768	223.621	---	---	---	1969
1970	---	---	---	---	---	---	---	---	223.778	223.720	---	---	---	1970
1971	---	---	---	---	---	---	223.947	223.720	223.748	224.142	---	---	---	1971
1972	---	---	---	---	---	---	223.981	223.971	223.847	223.888	---	---	---	1972
1973	---	---	---	---	---	223.783	223.712	223.732	223.921	224.219	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	223.592	---	---	---	1974
1975	---	---	---	---	---	---	---	---	223.688	223.648	---	---	---	1975
1976	---	---	---	---	---	---	---	223.688	223.676	223.583	---	---	---	1976
1977	---	---	---	---	---	---	223.893	223.645	223.694	223.674	---	---	---	1977
1978	---	---	---	230.318	226.234	224.176	---	223.798	223.738	223.624	---	---	---	1978
1979	---	---	---	---	---	225.726	---	224.048	---	---	---	---	---	1979
1980	---	---	---	225.780	223.863	---	---	---	---	---	---	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	227.345	224.329	224.385	224.760	223.874	223.961	223.732	222.882	---	---	1983
MEAN	---	---	---	227.808	224.809	224.533	224.181	223.881	223.842	223.769	222.888	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 40 50 N
LONG 97 07 14 W

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

RED RIVER AT ST. ADOLPHE - STATION NO. 05OC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	232.020 ON APR 18	---	1978
1979	---	234.181 ON MAY 8 *	---	1979
1980	---	228.451 ON APR 12	---	1980
1982	---	229.926 ON APR 18	---	1982
1983	---	230.112 ON APR 9	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	---	---	---	223.868	---	---	---	---	1912
1914	---	---	---	---	---	223.749	223.687	223.651	223.670	---	---	221.809	---	1914
1915	---	221.888	221.772	222.474	223.680	223.660	223.960	223.345	223.605	223.485	221.484	221.898	---	1915
1916	221.720	221.848	221.887	---	225.586	224.077	224.005	223.810	223.617	223.597	221.949	221.873	---	1916
1917	221.887	221.876	221.852	224.383	224.071	223.783	223.718	---	---	---	---	---	---	1917
1918	220.989	221.007	221.877	222.873	223.857	223.644	223.684	223.643	223.608	223.374	---	---	---	1918
1920	---	---	---	---	---	---	---	---	---	---	---	---	---	1920
1921	---	---	---	---	---	---	---	---	---	---	---	---	---	1921
1922	---	---	---	---	---	224.074	223.732	223.892	223.733	223.655	222.465	221.623	---	1922
1923	---	---	---	---	225.249	223.821	---	---	---	223.868	---	---	---	1923
1924	---	---	---	---	---	---	---	---	---	---	---	---	---	1924
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	---	---	---	---	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	---	---	---	---	---	---	---	---	---	---	1928
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1932	---	---	---	---	---	---	---	---	---	---	---	---	---	1932
1933	---	---	---	224.144	223.636	223.624	223.692	223.596	223.605	223.583	---	---	---	1933
1934	---	---	---	223.046	223.575	223.611	223.619	223.587	223.620	223.648	221.236	---	---	1934
1935	---	---	---	223.000	223.584	223.656	223.718	223.580	223.580	223.586	---	---	---	1935
1936	---	---	---	---	223.648	223.618	223.596	223.582	223.559	223.572	---	---	---	1936
1937	---	---	---	---	223.582	223.611	223.605	223.647	223.568	223.560	---	---	---	1937
1938	---	---	---	222.165	223.623	223.594	223.573	223.596	223.591	223.565	---	---	---	1938
1939	---	---	---	---	223.564	223.624	223.612	223.598	223.582	223.618	---	---	---	1939
1940	---	---	---	---	223.601	223.618	223.607	223.631	223.587	223.586	---	---	---	1940
1941	---	---	---	---	223.585	223.661	223.584	223.592	223.645	223.601	---	---	---	1941
1942	---	---	---	225.338	223.637	223.634	223.639	223.662	223.712	223.661	---	---	---	1942
1943	221.616	221.668	221.788	225.586	223.908	224.472	223.913	223.669	223.670	223.660	221.704	221.461	223.083	1943
1944	221.471	221.566	221.672	222.517	223.181	223.748	223.782	223.788	223.904	223.715	222.518	222.377	222.668	1944
1945	221.953	221.986	223.751	225.411	223.620	223.719	223.702	223.686	223.787	223.731	221.783	221.588	223.249	1945
1946	221.633	221.643	222.920	224.786	223.559	223.678	223.732	223.681	223.660	223.713	221.866	221.684	223.061	1946
1947	221.777	221.617	221.873	224.671	224.509	224.250	224.078	223.748	223.661	223.743	222.095	221.793	223.174	1947
1948	221.857	221.838	221.886	224.906	226.284	223.928	223.774	223.714	223.659	223.700	221.579	221.383	223.214	1948
1949	221.488	221.523	---	---	---	---	223.525	223.656	223.589	223.626	221.891	---	---	1949
1950	---	221.650	---	224.935	---	---	---	223.925	223.824	223.783	---	---	---	1950
1951	---	---	---	---	---	223.703	223.677	223.653	223.672	223.747	---	---	---	1951
1952	---	---	---	---	---	223.720	223.726	223.665	223.690	223.863	---	---	---	1952
1953	---	---	---	---	---	223.798	---	---	223.634	223.887	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	223.766	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	222.110	223.536	223.855	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
MEAN	221.637	221.661	222.095	223.971	223.982	223.771	223.714	223.656	223.671	223.643	221.677	221.717	223.109	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 55 00 N
LONG 97 07 30 W

DRAINAGE AREA, 287 000 km²
REGULATED

RED RIVER AT WINNIPEG - STATION NO. 05OJ001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1912	---	---	---	1912
1914	---	---	---	1914
1915	---	224.592 ON JUL 10	221.361 ON NOV 6	1915
1916	---	226.951 ON APR 22	221.605 ON FEB 3	1916
1917	---	226.055 ON APR 14	---	1917
1918	---	223.799 ON MAY 31	220.934 ON JAN 2	1918
1920	---	226.786 ON APR 16	---	1920
1921	---	225.628 ON APR 15	---	1921
1922	---	225.625 ON MAY 20	---	1922
1923	---	227.500 ON APR 26	221.260 ON NOV 24	1923
1924	---	224.592 ON APR 29	221.260 ON NOV 21	1924
1925	---	226.244 ON APR 2	221.395 ON JAN 3	1925
1926	---	223.963 ON APR 27	221.616 ON NOV 15	1926
1927	---	226.957 ON MAY 16	221.623 ON JAN 3	1927
1929	---	225.416 ON APR 2	221.120 ON NOV 26	1929
1930	---	225.816 ON APR 11	220.837 ON NOV 15	1930
1931	---	224.717 ON APR 9	220.801 ON NOV 19	1931
1932	---	225.936 ON APR 16	221.004 ON NOV 16	1932
1933	---	225.987 ON APR 10	220.883 ON NOV 15	1933
1934	---	223.757 ON APR 14	220.770 ON NOV 24 *	1934
1935	---	223.909 ON JUL 7	220.892 ON JAN 1	1935
1936	---	225.890 ON APR 23	220.681 ON NOV 11	1936
1937	---	223.767 ON MAY 8	220.892 ON NOV 21	1937
1938	---	223.879 ON MAY 16	220.953 ON JAN 2	1938
1939	---	223.757 ON OCT 4	221.136 ON DEC 29	1939
1940	---	223.985 ON APR 22	220.932 ON NOV 10	1940
1941	---	224.226 ON APR 15	221.196 ON JAN 1	1941
1942	---	226.515 ON APR 15	221.378 ON JAN 22	1942
1943	---	226.258 ON APR 14	221.331 ON NOV 12	1943
1944	---	224.518 ON SEP 7	221.443 ON JAN 14	1944
1945	---	227.039 ON MAR 31	221.488 ON DEC 3	1945
1946	---	225.927 ON MAR 31	221.498 ON NOV 18	1946
1947	---	225.605 ON MAY 2	221.532 ON NOV 18	1947
1948	---	226.234 ON APR 30	221.068 ON NOV 14	1948
1949	---	226.701 ON APR 18	221.331 ON JAN 9	1949
1950	---	230.325 ON MAY 19 *	221.611 ON JAN 7	1950
1951	---	225.884 ON APR 21	221.547 ON NOV 10	1951
1952	---	225.512 ON APR 17	221.068 ON NOV 26	1952
1953	---	224.132 ON JUN 29	221.285 ON JAN 2	1953
1954	---	224.171 ON JUL 15	221.559 ON DEC 3	1954
1955	---	226.647 ON APR 12	221.544 ON NOV 21	1955
1956	---	227.675 ON APR 27	221.378 ON APR 9	1956
1957	---	224.427 ON MAY 1	221.550 ON JAN 5	1957
1958	---	223.927 ON MAY 13	221.123 ON NOV 17	1958
1959	---	225.782E ON APR 12	221.212 ON JAN 1	1959
1960	---	227.682 ON APR 18	221.105 ON NOV 15	1960
1961	---	223.786 ON OCT 20	221.004 ON NOV 20	1961
1962	---	227.314 ON APR 24	220.916 ON MAR 22	1962
1963	---	224.689 ON APR 11	---	1963
1964	---	225.217 ON APR 20	---	1964
1965	---	227.527 ON APR 19	221.602 ON APR 6	1965
1966	---	226.133 ON APR 14	221.574 ON NOV 14	1966
1967	---	227.383 ON APR 25	221.136 ON NOV 24	1967
1968	---	224.226 ON AUG 26	221.382 ON JAN 2	1968
1969	---	226.972 ON APR 30	221.751 ON DEC 4	1969
1970	---	227.030 ON APR 24	221.501 ON NOV 26	1970
1971	---	226.426 ON APR 12	221.830 ON MAR 23	1971
1974	---	227.204 ON MAY 21	---	1974
1975	---	226.196 ON MAY 20	---	1975
1976	---	226.230 ON APR 4	---	1976

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER SPLOW FLOODWAY CONTROL STRUCTURE - STATION NO. 05OJC02O

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	227.748	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	227.630	---	---	223.738	223.750	223.732	223.763	---	---	---	1972
1974	---	---	---	---	226.443	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	227.327	224.771	227.618	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1979	---	---	---	---	226.836	---	---	---	---	---	---	---	---	1979
1982	---	---	---	227.030	226.916	226.088	---	---	---	---	---	---	---	1982
1983	---	---	---	226.838	226.116	226.146	---	---	---	---	---	---	---	1983
MEAN	---	---	---	227.138	226.887	224.337	225.877	223.750	223.732	223.763	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 45 20 N
LONG 97 00 10 W REGULATED SINCE 1969

REMARKS - THIS GAUGING STATION IS GENERALLY ACTIVATED WHEN THE RED RIVER FLOODWAY IS OPERATING

RED RIVER BELOW FLOODWAY CONTROL STRUCTURE - STATION NO. 05OC020

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	229.310 ON APR 24	---	1970
1971	---	228.683 ON APR 18	---	1971
1972	---	228.662 ON APR 18	---	1972
1974	---	228.911 ON MAY 21	---	1974
1975	228.338 AT 0830 CST ON APR 30	228.329 ON JUL 26	---	1975
1976	---	228.323 ON APR 9	---	1976
1979	229.438 AT 1706 CST ON MAY 9 *	229.431 ON MAY 9 *	---	1979
1982	228.481 AT 1720 CST ON APR 18	228.463 ON APR 18	---	1982
1983	228.912 AT 2305 CST ON APR 9	228.817 ON APR 10	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER NEAR LETELLIER - STATION NO. 05OC010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	227.914	228.102	---	---	226.617	---	---	---	---	1959
1960	---	---	---	233.373	229.325	---	---	---	226.458	226.288	226.526	---	---	1960
1963	---	---	228.226	230.560	228.585	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	229.372	230.323	228.683	227.332	227.213	227.718	---	---	---	1964
1965	---	---	---	233.861	233.814	230.966	229.190	227.563	227.480	226.885	---	---	---	1965
1966	---	---	---	236.307	234.354	230.121	228.961	228.298	227.904	227.266	227.474	---	---	1966
1967	---	---	---	235.720	---	229.786	228.145	227.126	226.950	227.033	226.983	---	---	1967
1968	---	---	---	229.298	227.647	229.336	230.021	228.810	228.725	227.798	227.717	227.862	---	1968
1969	---	---	---	234.517	---	229.512	228.302	---	227.262	227.470	227.800	227.582	---	1969
1970	---	---	227.957	233.619	---	---	---	---	---	---	---	---	---	1970
1972	---	---	---	235.450	---	---	---	---	---	---	---	---	---	1972
1974	---	---	---	---	237.049	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	237.937	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
MEAN	---	---	228.092	233.645	231.763	229.736	228.860	227.826	227.301	227.461	227.282	227.782	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

LOCATION - LAT 49 07 54 N
LONG 97 15 16 W REGULATED

RED RIVER NEAR LETELLIER - STATION NO. 05OC010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	230.583 ON APR 18	---	1960
1963	---	232.005 ON APR 15	---	1963
1964	---	233.206 ON APR 17	---	1964
1965	---	238.055 ON APR 26	---	1965
1966	---	239.097 ON APR 12	---	1966
1967	---	237.022 ON APR 10	---	1967
1968	---	232.041 ON APR 4	---	1968
1969	---	238.716 ON APR 30	---	1969
1970	238.188 AT 1215 EST ON MAY 1	238.183 ON MAY 1	---	1970
1972	236.107 AT 0127 EST ON APR 26	236.107 ON APR 26	---	1972
1974	236.548 AT 2350 CST ON APR 28	236.543 ON APR 28	---	1974
1975	237.835 AT 1158 CST ON MAY 8	237.832 ON MAY 9	---	1975
1976	236.703 AT 2128 CST ON APR 8	236.671 ON APR 9	---	1976
1978	238.456 AT 0300 CST ON APR 18	238.442 ON APR 19	---	1978
1979	239.420 AT 0834 CST ON MAY 3 *	239.404 ON MAY 2 *	---	1979
1980	236.061 AT 0830 CST ON APR 10	236.058 ON APR 10	---	1980
1982	236.651 AT 0404 CST ON APR 18	236.645 ON APR 18	---	1982
1983	236.136 AT 1130 CST ON APR 9	236.089 ON APR 9	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED SUCKER LAKE AT RED SUCKER LAKE - STATION NO. 04AC008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	29.836	30.081	30.062	30.052	30.065	30.084	---	1982
1983	29.895	29.906	29.829	29.773	30.021	30.384	30.428	30.309	30.173	30.145	30.153	30.108	30.104	1983
MEAN	29.895	29.906	29.829	29.773	30.021	30.384	30.182	30.180	30.118	30.098	30.111	30.095	30.104	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 08 23 N
LONG 93 33 53 W NATURAL FLOW

RED SUCKER LAKE AT RED SUCKER LAKE - STATION NO. 04AC008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	29.85 ON JUN 30	---	1981
1982	30.157 AT 1548 CST ON AUG 26	30.114 ON AUG 25	---	1982
1983	30.475 AT 1815 CST ON JUL 16 *	30.460 ON JUL 19 *	29.783 ON APR 24 *	1982

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REED LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	278.000	---	---	---	---	---	1971
1972	---	---	---	---	---	---	278.350	---	---	---	---	---	---	1972
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1977	---	---	---	---	278.887	278.990	279.088	279.184	279.183	---	---	---	---	1977
1978	---	---	---	---	---	278.978	279.082	279.034	278.986	---	---	---	---	1978
1979	---	---	---	---	---	278.481	279.440	279.207	279.053	---	---	---	---	1979
1980	---	---	---	---	278.856	278.831	278.781	278.893	278.739	---	---	---	---	1980
1981	---	---	---	---	278.871	278.917	278.935	278.822	278.713	278.712	---	---	---	1981
1982	---	---	---	---	278.977	278.103	---	278.842	278.639	278.763	---	---	---	1982
MEAN	---	---	---	---	278.900	278.067	278.109	278.980	278.819	278.748	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -250.771 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

LOCATION - LAT 54 35 00 N
LONG 100 28 00 W

REED LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	279.386 ON JUL 28	---	1972
1975	---	279.319 ON JUL 2	---	1975
1977	---	279.212 ON SEP 4	---	1977
1978	---	279.127 ON JUL 3	---	1978
1979	---	279.536 ON JUN 26 *	---	1979
1980	---	---	---	1980
1981	---	278.976A ON JUL 3	---	1981
1982	279.133 AT 1334 CST ON JUN 20 *	279.119 ON JUN 20	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -250.771 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REINDEER LAKE AT BROCHET - STATION NO. 05DB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	336.861	336.140	---	335.468	335.604	---	---	1970
1971	---	336.815	336.680	336.563	336.151	336.320	336.522	336.505	336.474	336.548	336.582	---	---	1971
1972	---	---	---	---	---	---	336.470	336.506	336.472	336.501	336.515	336.481	---	1972
1973	336.373	336.225	336.084	335.923	335.666	336.036	336.244	336.349	336.343	336.350	336.377	---	---	1973
1974	336.457	336.428	336.374	336.298	336.318	336.415	336.480	336.531	336.523	336.504	336.545	336.571	336.454	1974
1975	---	---	---	---	336.239	336.363	336.552	336.608	336.543	336.481	---	---	---	1975
1976	---	---	---	---	---	---	---	336.704	336.780	336.653	336.597	---	---	1976
1977	336.496	336.393	336.254	336.141	336.333	336.620	---	---	336.509	336.531	336.454	---	---	1977
1978	---	---	---	336.729	336.778	336.906	336.167	336.365	336.527	336.503	336.494	336.481	---	1978
1979	336.463	336.389	336.206	336.057	336.049	336.041	336.191	336.369	336.465	336.445	336.413	336.406	336.281	1979
1980	---	---	---	---	---	---	---	---	335.832	335.869	---	---	---	1980
1981	---	335.841	335.608	335.289	335.310	335.447	335.547	335.550	335.437	335.243	---	---	---	1981
1982	---	---	---	---	---	---	---	---	335.318	---	335.202	---	---	1982
1983	---	334.681	334.735	---	334.599	334.637	---	---	335.943	335.714	335.710	---	---	1983
MEAN	336.445	336.047	335.848	335.814	335.836	336.009	336.128	336.365	336.213	336.214	336.227	336.430	336.368	MEAN

WATER LEVELS REFERRED TO DEPARTMENT OF NATURAL RESOURCES DATUM (SOUTHEND)

LOCATION - LAT 57 52 50 N
LONG 101 40 00 W REGULATED SINCE 1930

REINDEER LAKE AT BROCHET - STATION NO. 05DB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	---	---	1970
1971	336.728 AT 2047 CST ON OCT 24	336.667 ON OCT 29	---	1971
1972	336.716 AT 1036 CST ON SEP 3	336.576 ON SEP 3	---	1972
1973	336.533 AT 2300 CST ON OCT 27	336.463 ON DEC 24	335.826 ON MAY 10	1973
1974	336.866 AT 0905 CST ON AUG 24	336.609 ON DEC 26	336.265 ON APR 26	1974
1975	336.743 AT 1935 CST ON AUG 30	336.685 ON AUG 30	---	1975
1976	336.883 AT 1130 CST ON SEP 15 *	336.847 ON SEP 3 *	---	1976
1977	---	---	---	1977
1978	336.655 AT 1324 CST ON NOV 1	336.555 ON SEP 5	335.664A ON APR 29 *	1978
1979	336.549 AT 0005 CST ON OCT 2	336.510 ON SEP 22	336.924 ON MAY 17	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	335.816 AT 0720 CST ON OCT 29	335.779 ON NOV 3	---	1983

WATER LEVELS REFERRED TO DEPARTMENT OF NATURAL RESOURCES DATUM (SOUTHEND)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVERS RESERVOIR NEAR RIVERS - STATION NO. 05MF020

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	461.080	---	1960
1961	---	---	---	---	464.448	465.891	465.785	465.325	464.884	464.745	464.704	464.662	---	1961
1962	---	---	---	463.982	---	---	---	---	467.978	467.884	467.735	467.851	---	1962
1963	467.370	---	---	---	---	---	466.367	466.240	466.225	466.255	---	467.670	---	1963
1964	---	---	---	---	466.522	466.296	466.235	466.186	---	---	---	---	---	1964
1965	---	---	---	---	---	466.450	466.302	466.167	466.259	466.237	466.126	467.077	---	1965
1966	---	---	---	---	---	466.456	466.303	466.329	466.269	466.237	466.245	466.240	---	1966
1967	---	---	466.748	467.958	466.680	---	466.295	---	---	466.053	466.186	467.718	---	1967
1968	---	466.840	464.518	467.958	466.358	466.335	466.267	466.305	466.364	466.282	466.203	467.601	---	1968
1969	---	---	463.832	---	466.520	466.366	466.824	466.366	466.278	466.291	466.178	467.566	---	1969
1970	466.693	466.539	464.069	---	466.044	466.644	466.473	466.306	466.304	466.331	466.144	467.635	---	1970
1971	466.683	466.519	464.502	---	466.517	466.645	466.558	466.411	466.320	466.371	466.089	467.694	---	1971
1972	---	---	467.121	466.365	466.756	466.436	466.296	466.290	466.147	466.035	466.085	467.984	---	1972
1973	467.715	467.462	467.355	467.953	466.272	466.302	466.260	466.290	466.293	466.330	467.885	467.852	467.973	1973
1974	467.653	467.559	467.472	466.178	466.669	466.607	466.271	---	467.898	467.971	467.348	467.178	---	1974
1975	466.950	466.843	466.335	467.048	466.681	466.485	466.364	466.246	466.713	466.727	466.476	466.385	467.928	1975
1976	466.336	---	---	466.985	466.677	466.516	466.464	466.268	466.089	467.778	467.600	467.432	---	1976
1977	467.146	466.787	466.907	467.875	466.351	466.267	466.331	466.293	466.282	466.328	466.066	467.986	467.884	1977
1978	467.796	467.446	467.011	466.972	466.476	466.296	466.165	467.860	467.560	467.581	467.730	467.774	467.619	1978
1979	467.663	467.488	467.319	467.941	466.914	466.656	466.358	466.192	467.977	467.977	467.8	467.371	467.923	1979
1980	467.200	466.946	466.718	467.440	466.296	466.053	467.696	467.868	466.289	467.712	467.877	466.094	467.686	1980
1981	467.848	467.533	467.424	466.238	466.334	466.334	466.263	466.024	467.794	467.634	467.966	466.136	467.964	1981
1982	467.553	466.732	466.757	467.966	466.466	466.291	466.118	467.996	467.465	467.434	466.192	466.128	467.610	1982
1983	467.856	467.522	467.207	466.130	466.632	466.443	466.360	466.218	467.824	467.358	467.101	466.833	467.781	1983
MEAN	467.476	466.947	466.270	467.068	466.359	466.266	466.192	466.065	467.964	467.661	467.781	467.290	467.844	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 01 37 N
LONG 100 11 56 W REGULATED

RIVERS RESERVOIR NEAR RIVERS - STATION NO. 05MP030

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	465.693 ON JUN 26	---	1962
1963	---	---	461.946 ON MAR 31 *	1963
1964	466.636 AT 1245 CST ON MAY 15	---	---	1964
1965	---	466.633 ON MAY 11	---	1965
1966	---	---	463.811 ON APR 9	1966
1967	468.913 AT 0000 CST ON APR 20	---	---	1967
1968	468.447 AT 0800 CST ON AUG 16	466.907 ON APR 19	466.250 ON APR 7	1968
1969	---	466.417 ON AUG 16	463.778 ON MAR 22	1969
1970	---	---	463.182 ON APR 6	1970
1971	468.907 AT 0200 CST ON JUN 15	466.382A ON MAY 15 *	462.900 ON APR 7	1971
1972	468.974 AT 0300 CST ON APR 19	466.904 ON JUN 15	---	1972
1973	468.423 AT 0835 CST ON OCT 13	466.965 ON APR 19	467.031 ON MAR 16	1973
1974	469.224 AT 2044 CST ON APR 21	466.433 ON OCT 13	467.249 ON MAR 9	1974
1975	469.084 AT 1305 CST ON SEP 30	466.181 ON APR 23	467.085 ON DEC 31	1975
1976	469.270 AT 2128 CST ON APR 21	466.076 ON SEP 30	466.206 ON APR 11	1976
1977	468.456 AT 1519 CST ON JUL 23	466.270 ON APR 22	467.318 ON DEC 31	1977
1978	468.600 AT 1832 CST ON MAY 6	466.456 ON JUL 23	466.686 ON FEB 23	1978
1979	469.406 AT 0848 CST ON APR 24 *	466.598 ON MAY 6	466.686 ON MAR 27	1979
1980	468.490 AT 0027 CST ON MAY 3	469.302 ON APR 24	467.263 ON APR 11	1980
1981	468.378 AT 1309 CST ON APR 13	466.309 ON MAY 1	466.630 ON MAR 28	1981
1982	468.726 AT 1800 CST ON APR 24	466.374 ON APR 13	467.277 ON MAR 11	1982
1983	469.059 AT 0848 CST ON APR 24	469.724 ON APR 24	466.266 ON MAR 28	1983
		469.062 ON APR 24	466.819 ON DEC 31	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCK LAKE NEAR GLENORA - STATION NO. 05OB604

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	405.711	---	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	404.887	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	405.817	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	405.287	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	404.814	404.805	404.818	404.867	405.018	405.065	405.065	405.069	405.030	405.014	404.898	885.047	405.002	1977
1978	405.088	405.100	405.107	405.306	405.227	405.066	405.038	404.958	404.912	404.856	404.827	404.854	405.046	1978
1979	884.890	404.804	884.930	405.698	---	405.404	405.051	404.864	404.916	404.815	---	404.920	---	1979
1980	884.950	404.884	405.008	405.133	405.078	404.975	404.928	404.878	404.953	405.013	---	885.190	---	1980
1981	405.220	---	---	---	---	405.204	405.250	405.242	405.268	405.286	---	405.324	---	1981
1982	405.356	405.369	405.388	406.003	405.826	405.439	405.195	405.081	404.999	405.064	---	---	---	1982
1983	405.278	---	---	---	405.394	405.136	885.083	404.918	404.845	404.841	404.639	404.676	---	1983
MEAN	405.099	405.053	405.089	405.838	405.441	405.183	405.185	405.014	404.992	404.982	404.888	405.036	405.023	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 12 40 N
LONG 99 08 45 W

REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

ROCK LAKE NEAR GLENORA - STATION NO. 05KB804

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	405.881 ON JUN 22	---	1954
1955	---	---	---	1955
1956	---	406.583 ON APR 9	404.508 ON OCT 13	1956
1957	---	407.371 ON APR 24	404.595 ON JAN 3	1957
1958	---	406.134 ON AUG 24	404.518 ON DEC 31	1958
1959	---	---	404.433 ON OCT 6	1959
		404.852 ON OCT 31	404.497 ON JAN 3	
1960	---	---	---	1960
1961	---	407.457 ON APR 15	404.626 ON FEB 17	1961
1962	---	406.107 ON APR 8	404.389 ON NOV 18 *	1962
1963	---	---	404.384 ON JAN 3	1963
1964	---	406.106 ON JUN 14	404.671 ON JAN 3	1964
		406.656 ON APR 18	404.734 ON JAN 3	
1965	---	---	---	1965
		406.033 ON APR 21	404.805 ON APR 5	
1967	---	---	---	1967
1968	---	406.478 ON MAY 3	404.515 ON SEP 26	1968
1969	---	406.731 ON SEP 10	404.560 ON JAN 13	1969
		407.586 ON APR 14 *	---	
1970	---	---	---	1970
1971	---	406.606 ON MAY 3	404.672 ON OCT 24	1971
1972	---	407.046 ON APR 15	404.933 ON SEP 27	1972
1973	---	406.156 ON MAR 26	404.568 ON AUG 19	1973
		406.247 ON JUN 28	404.033 ON FEB 27	
1975	---	---	---	1975
1976	---	407.033 ON MAY 3	---	1976
1977	---	407.589 ON APR 8	---	1977
1978	---	406.107 ON JUL 13	404.8908 ON FEB 16	1978
1979	---	406.710 ON APR 14	404.614 ON NOV 10	1979
		407.668 ON APR 25	---	
1980	---	---	---	1980
1981	---	406.209 ON DEC 19	404.815 ON AUG 13	1981
1982	---	---	---	1982
1983	---	406.384 ON APR 20	404.886 ON SEP 23	1983
		---	404.813 ON NOV 16	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCKY LAKE NEAR WANLESS - STATION NO. 05KH005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	281.605	281.564	281.484	281.387	281.342	281.334	---	---	---	1971
1972	---	---	---	---	281.428	281.431	281.408	281.384	281.364	---	---	---	---	1972
1973	---	---	---	---	---	281.385	281.401	281.326	281.288	---	---	---	---	1973
1974	---	---	---	---	281.505	281.495	281.559	281.584	281.533	281.505	---	---	---	1974
1975	---	---	---	---	281.513	281.509	---	281.552	281.502	281.480	281.418	---	---	1975
1976	---	---	---	---	281.356	281.315	281.361	281.337	281.308	281.233	---	---	---	1976
1977	---	---	---	---	281.348	281.216	281.191	281.303	281.230	281.319	281.285	---	---	1977
1978	---	---	---	---	---	281.397	---	281.290	281.257	281.373	---	---	---	1978
1979	---	---	---	---	---	281.614	281.602	281.372	281.360	281.351	---	---	---	1979
1980	---	---	---	---	281.311	281.265	281.220	281.158	281.148	281.194	---	---	---	1980
1981	---	---	---	---	281.323	281.315	281.297	281.217	281.100	281.122	---	---	---	1981
1982	---	---	---	---	281.401	281.393	281.307	281.205	281.089	281.084	---	---	---	1982
MEAN	---	---	---	---	281.409	281.428	281.381	281.333	281.281	281.278	281.352	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 10 14 N
LONG 101 23 40 W REGULATED

ROCKY LAKE NEAR WANLESS - STATION NO. 05KH005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	281.451 ON MAY 20	---	1973
1974	---	281.421 ON JUL 13	---	1974
		281.732 ON JUN 14	---	
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	281.375 ON JUL 18	---	1977
1978	---	281.389 ON NOV 18	281.185 ON JUN 24 *	1978
1979	---	---	---	1979
		283.311A ON JUN 25 *	---	
1980	281.393 AT 1847 CST ON MAY 6	281.389 ON APR 26	---	1980
1981	281.382 AT 0338 CST ON JUL 3	281.381 ON JUL 3	---	1981
1982	281.431 AT 0850 CST ON MAY 25 *	281.422 ON JUN 3	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUND LAKE AT FORESTRY DOCK - STATION NO. 05RD008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	2.184	1.839	---	---	---	---	---	1957
1958	---	---	---	---	---	1.134	1.494	1.494	---	---	---	---	---	1958
1962	---	---	---	---	---	---	1.858	1.563	---	---	---	---	---	1962
1963	---	---	---	---	---	2.401	2.281	1.708	---	---	---	---	---	1963
1965	---	---	---	---	---	2.952	2.318	1.850	1.587	1.548	1.550	1.625	---	1965
1966	---	---	---	0.888	1.342	3.265	---	2.202	1.618	---	0.908	---	---	1966
1967	---	---	---	---	---	2.182	3.447	1.782	1.207	---	0.898	0.800	---	1967
1968	---	0.548	0.502	0.840	0.942R	1.676	2.615	2.508	2.321	2.336	2.226	---	---	1968
1969	1.677	1.303	1.081	1.161	1.377	2.193	2.232	2.466	---	---	---	2.240	---	1969
1970	---	---	---	0.859	1.041	1.378	1.892	1.628	1.386	1.214	1.308	---	---	1970
1971	---	---	---	---	---	1.856	1.858	---	---	---	1.121	---	---	1971
1972	---	---	---	0.983	1.602	2.344	1.841	1.369	1.084	0.982	1.000	---	---	1972
MEAN	1.677	0.984	0.782	0.813	1.261R	1.917	2.091	1.841	1.531	1.523	1.260	1.432	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 01 20 N
LONG 98 23 20 W NATURAL FLOW

R - REVISED SINCE JAN 1980

ROUND LAKE AT FORESTRY DOCK - STATION NO. 05RD008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	---	---	1957
1958	---	1.530 ON JUL 16	---	1958
1962	---	---	---	1962
1963	---	2.457 ON JUL 8 2.531 ON JUN 22	---	1963
1965	---	2.680 ON JUL 3	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	2.710A ON JUL 2 *	---	1968
1969	---	2.806 ON JUL 26	0.484 ON APR 6 * 0.698 ON APR 7	1969
1970	2.027 AT 0745 CST ON JAN 1	2.006 ON JAN 1	0.833 ON APR 13	1970
1971	---	---	---	1971
1972	2.356 AT 1523 CST ON JUN 13 *	2.344 ON JUN 14	---	1972

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUND LAKE AT OUTLET - STATION NO. 05RD011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	1.788	1.787	1.444	1.248	1.381	---	---	---	1973
1974	---	1.233	1.058	1.063	1.788	2.722	2.624	1.833	1.681	2.000	1.808	1.431	---	1974
1975	1.171	1.008	0.852	0.854	1.213	2.018	2.308	2.119	1.968	1.787	1.488	1.135	1.482	1975
1976	0.958	0.848	0.761	1.065	1.308	1.914	1.340	0.882	0.635	0.427	0.284	0.210	0.808	1976
1977	---	---	---	0.383	0.350	0.744	1.071	---	1.714	2.193	1.811	---	---	1977
1978	---	---	---	0.877	1.147	1.813	2.042	2.284	2.254	2.212	1.852	1.558	---	1978
1979	1.348	1.123	0.924	1.024	1.842	2.032	2.332	1.843	1.470	1.358	1.395	1.438	1.578	1979
1980	1.348	1.187	0.969	0.926	1.092	1.842	1.678	1.180	1.145	0.964	0.878	0.975	1.134	1980
1981	0.981	0.828	0.871	0.731	0.635	1.133	1.873	1.583	1.316	1.184	1.262	1.385	1.121	1981
1982	1.348	1.188	---	---	---	---	---	1.938	1.481	1.278	1.000	0.928	---	1982
1983	---	---	---	---	---	---	1.781	1.787	1.431	1.031	0.769	0.652	---	1983
MEAN	1.193	1.084	0.872	0.853	1.193	1.789	1.832	1.873	1.483	1.431	1.250	1.078	1.239	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 01 40 N
LONG 98 23 30 W NATURAL FLOW

ROUND LAKE AT OUTLET - STATION NO. 05RD011

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1973	1.890 AT 1930 CST ON JUN 25	1.887 ON JUN 25	---	1973
1974	3.027 AT 1130 CST ON JUN 25	3.031 ON JUN 25	0.680 ON APR 16	1974
1975	2.390 AT 1016 CST ON JUN 30	2.384 ON JUN 30	0.730 ON APR 13	1975
1976	1.868 AT 2110 CST ON JUN 27	1.865 ON JUN 28	0.182 ON DEC 28 *	1976
1977	2.218 AT 1130 CST ON OCT 17	2.216 ON OCT 14	---	1977
1978	2.328 AT 0043 CST ON AUG 8	2.323 ON AUG 7	---	1978
1979	2.144 AT 2154 CST ON JUN 14 *	2.138 ON JUN 14 *	0.805 ON APR 13	1979
1980	1.881 AT 1447 CST ON JUN 22	1.880 ON JUN 23	0.822 ON APR 13	1980
1981	1.741 AT 2146 CST ON JUL 30	1.739 ON JUL 31	0.630 ON MAR 28	1981
1982	---	---	---	1982
1983	1.888 AT 1742 CST ON JUN 27	1.885 ON JUL 2	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSSELL LAKE NEAR HERRIOT - STATION NO. 05BB006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	324.504	324.710	---	---	---	1983
MEAN	---	---	---	---	---	---	---	---	324.504	324.710	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EST.)

LOCATION - LAT 56 20 24 N
LONG 101 21 46 W REGULATED

SASAGINNIGAK LAKE AT FORESTRY TOWER - STATION NO. 05BB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	0.974	0.870	---	---	---	---	---	1962
1964	---	---	---	---	---	1.153	0.978	0.916	0.919	---	---	---	---	1964
1966	---	---	---	---	---	---	---	---	0.784	---	---	---	---	1966
1967	---	---	---	---	---	---	---	0.861	---	---	---	---	---	1967
1968	---	---	---	---	---	1.283	1.284	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.130	1.048	1.167	---	---	---	---	---	1969
1970	---	---	---	---	---	1.309	1.119	0.962	---	---	---	---	---	1970
1972	---	---	---	---	---	---	---	0.725	0.963	---	---	---	---	1972
1973	---	---	---	---	---	1.065	1.103	0.975	1.110	---	---	---	---	1973
1974	---	---	---	---	---	---	0.979	0.867	---	1.091	---	---	---	1974
1975	---	---	---	---	1.235	1.233	1.081	0.951	0.993	0.906	---	---	---	1975
1976	---	---	---	---	---	---	0.845	---	---	0.530	---	---	---	1976
1977	---	---	---	---	0.730	0.776	0.867	1.027	---	---	---	---	---	1977
1978	---	---	---	---	1.186	---	---	---	1.117	1.106	---	---	---	1978
MEAN	---	---	---	---	1.051	1.151	1.036	0.937	0.933	0.909	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 38 00 N
LONG 95 39 00 W NATURAL FLOW

SASAGINNIGAK LAKE AT FORESTRY TOWER - STATION NO. 05BB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1964	---	---	---	1964
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	1.283 AT 2305 CST ON MAY 15 *	1.280 ON MAY 31 *	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHIST LAKE NEAR CHANNING - STATION NO. 05KG004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	291.751	---	291.783	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	291.951	---	291.984	---	---	---	---	---	1952
1953	---	---	---	---	291.740	291.858	291.903	291.827	291.737	---	---	---	---	1953
1954	---	---	---	---	291.844	291.894	291.852	291.874	291.842	291.778	---	---	---	1954
1955	---	---	---	---	---	---	291.901	---	291.975	---	---	---	---	1955
1956	---	---	---	---	---	---	292.193	292.218	292.108	291.922	---	---	---	1956
1957	---	---	---	---	---	291.843	291.936	292.010	291.894	---	---	---	---	1957
1958	---	---	---	---	291.826	291.814	291.853	291.831	291.786	291.828	291.843	---	---	1958
1959	---	---	---	---	291.837	291.786	291.789	291.772	291.757	---	---	---	---	1959
1960	---	---	---	---	---	292.080	292.030	291.965	291.856	291.778	---	---	---	1960
1961	---	---	---	---	291.881	292.057	291.972	291.881	291.742	291.840	---	---	---	1961
1962	---	---	---	---	291.807	291.818	291.784	291.894	291.809	291.887	---	---	---	1962
1963	---	---	---	---	292.148	292.082	291.878	291.870	291.788	291.882	---	---	---	1963
1964	---	---	---	---	---	292.082	292.129	292.018	291.814	291.810	---	---	---	1964
1965	---	---	---	---	---	291.782	291.786	291.962	---	292.136	---	---	---	1965
1966	---	---	---	---	292.128	---	292.220	292.185	292.081	---	---	---	---	1966
1967	---	---	---	---	---	---	292.409	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	291.741	291.749	291.753	---	---	---	1969
1970	---	---	---	---	---	---	291.782	---	---	291.862	---	---	---	1970
1971	---	---	---	---	---	291.834	292.322	292.173	291.888	291.782	---	---	---	1971
1972	291.879	291.829	291.788	---	291.832	291.854	291.813	291.787	---	291.853	291.886	291.885	---	1972
1973	---	---	---	---	292.071	---	292.082	292.042	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	292.010	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	291.810	291.924	292.021	292.038	291.985	291.880	291.823	---	---	1977
1980	---	---	---	---	291.806	291.782	291.778	291.780	291.868	291.910	---	---	---	1980
1981	---	---	---	---	291.921	291.887	291.848	291.851	291.848	291.883	---	---	---	1981
1982	---	---	---	---	292.076	292.025	291.958	291.915	291.837	291.771	---	---	---	1982
1983	---	---	---	---	291.890	292.080	292.128	292.083	292.030	291.960	---	---	---	1983
MEAN	291.879	291.829	291.788	---	291.906	291.928	291.984	291.919	291.890	291.810	291.777	291.885	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 45 20 N
LONG 101 49 30 W

SCHIST LAKE NEAR CHANNING - STATION NO. 05KG004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	291.937 ON JUL 2	---	1952
1953	---	291.883 ON AUG 12	---	1953
1954	---	292.114 ON SEP 18	---	1954
1955	---	---	---	1955
1956	---	292.050 ON AUG 8	---	1956
1957	---	291.950 ON MAY 31	---	1957
1958	---	291.870 ON MAY 15	---	1958
1959	---	292.075 ON JUN 14	---	1959
1960	---	292.087 ON JUN 11	---	1960
1961	---	291.887 ON MAY 24	---	1961
1962	---	292.242 ON MAY 18	---	1962
1963	---	292.148 ON JUL 12	---	1963
1964	---	---	---	1964
1965	---	292.306 ON JUN 7	---	1965
1966	---	292.498 ON JUL 27 *	291.681 ON MAR 12	1966
1967	---	292.014 ON JUL 24	---	1967
1968	---	291.837 ON JUL 13	291.630 ON JAN 6 *	1968
1969	---	292.038 ON APR 28	291.733 ON AUG 3	1969
1970	---	292.382 ON JUL 9	291.745 ON APR 3	1970
1971	---	291.950 ON MAY 5	291.894 ON SEP 25	1971
1972	---	292.111 ON JUL 9	291.762 ON APR 7	1972
1973	---	292.321 ON JUN 21	---	1973
1974	---	292.105 ON MAY 8	291.700 ON JAN 2	1974
1975	---	292.273 ON JUN 26	291.891 ON APR 4	1975
1976	---	292.081 ON JUL 17	291.833 ON APR 4	1976
1977	---	---	---	1977
1980	291.928 AT 1815 CST ON SEP 25	291.924 ON SEP 25	---	1980
1981	291.943 AT 2237 CST ON MAY 17	291.941 ON MAY 17	---	1981
1982	292.112 AT 1913 CST ON MAY 22	292.107 ON MAY 22	---	1982
1983	292.168 AT 1503 CST ON JUL 25 *	292.150 ON JUL 25	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHARPE LAKE NEAR DELORAINE - STATION NO. 05MF005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	557.645	557.592	557.547	557.434	557.388	557.381	---	---	---	1983
MEAN	---	---	---	---	557.645	557.592	557.547	557.434	557.388	557.381	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 02 42 N
LONG 100 19 39 W

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA PRIOR TO 1983 MAY BE OBTAINED FROM THE MANITOBA WATER RESOURCES BRANCH

SHOAL LAKE NEAR SHOAL LAKE - STATION NO. 05MG007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	548.280	---	---	548.194	548.191	548.158	---	---	---	1963
1964	---	---	---	---	548.837	548.540	---	548.498	---	---	---	---	---	1964
1965	---	---	---	---	548.578	548.557	548.452	548.359	---	548.202	---	---	---	1965
1966	---	---	---	---	---	548.792	548.727	548.636	---	---	---	---	---	1966
1967	---	---	---	---	547.358	---	547.117	547.023	---	---	---	---	---	1967
1968	---	---	---	---	547.018	548.918	548.630	548.827	548.614	548.765	---	---	---	1968
1969	---	---	---	---	547.184	---	547.122	---	547.024	---	---	---	---	1969
1970	---	---	---	---	547.314	547.161	547.081	546.913	546.888	546.976	---	---	---	1970
1971	---	---	---	---	547.240	547.318	547.228	547.107	547.013	547.005	---	---	---	1971
1972	---	---	---	---	547.383	547.135	546.980	548.954	548.873	---	---	---	---	1972
1973	---	---	---	548.836	---	548.783	548.646	---	548.523	548.523	---	---	---	1973
1974	---	---	---	---	547.304	547.198	547.058	546.961	546.894	546.836	---	---	---	1974
1975	---	---	---	---	547.271	547.184	547.081	547.082	547.159	547.188	---	---	---	1975
1976	---	---	---	547.508	547.408	547.152	547.081	547.025	546.887	---	---	---	---	1976
1977	---	---	---	546.900	546.893	546.861	546.786	546.718	546.682	546.847	---	---	---	1977
1978	---	---	---	546.743	546.601	546.733	546.682	546.564	546.509	546.488	---	---	---	1978
1979	---	---	---	---	547.555	547.390	547.148	547.003	546.921	546.881	---	---	---	1979
1980	---	---	---	---	548.678	548.778	548.743	548.771	548.756	548.728	---	---	---	1980
1981	---	---	---	---	548.720	548.667	548.616	548.541	548.473	548.479	---	---	---	1981
1982	---	---	---	---	548.598	548.545	548.517R	---	---	---	---	---	---	1982
1983	---	---	---	---	547.066	547.058	547.032	546.913	546.803	546.788	---	---	---	1983
MEAN	---	---	---	548.996	547.027	548.829	548.881R	548.781	548.782	548.888	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 28 02 N
LONG 100 35 55 W

R - REVISED SINCE JAN 1980

REMARKS - RECORDS FOR 1981 OBTAINED AT LAT. 50 22 20, LONG. 100 37 50, 7.2 km SOUTH OF SHOAL LAKE

SHOAL LAKE NEAR SHOAL LAKE - STATION NO. 05MG007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	548.538 ON JUN 14	---	1964
		548.695 ON MAY 10		
1965	---	---	---	1965
1966	---	548.813 ON MAY 17	---	1966
1967	---	548.808 ON MAY 20	---	1967
1968	---	547.470 ON MAY 5	---	1968
1969	---	547.085 ON APR 23	---	1969
		547.320 ON APR 24	---	
1970	---	---	---	1970
1971	---	547.357 ON MAY 2	---	1971
1972	---	547.537 ON JUN 16	---	1972
1973	---	547.484 ON MAY 3	---	1973
1974	---	548.976 ON JUN 2	546.488 ON SEP 16 *	1974
		547.380 ON MAY 6	---	
1975	---	---	---	1975
1976	---	547.335 ON MAY 9	---	1976
1977	---	547.783 ON APR 19 *	---	1977
1978	---	546.842 ON APR 1	546.819 ON OCT 28	1978
1979	---	---	---	1979
		547.619 ON MAY 16	---	
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	546.815 ON MAY 24	---	1983
		547.114 ON MAY 23		

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIMONHOUSE LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1981	---	---	---	---	---	295.371	295.332	295.283	295.170	295.180	---	---	---	1981
1982	---	---	---	---	---	295.522	295.455	295.418	295.358	295.328	---	---	---	1982
MEAN	---	---	---	---	---	295.447	295.394	295.335	295.263	295.244	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 21 30 N
LONG 101 07 33 W

SIMONHOUSE LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	295.953 ON JUN 26 *	---	1979
1981	---	---	295.118 ON OCT 8 *	1981
1982	295.550 AT 1845 CST ON JUN 23 *	295.535 ON JUN 7	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIPIWESK LAKE AT CROSS PORTAGE - STATION NO. 05UD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	184.388	---	---	---	---	---	---	---	1980
1981	---	---	---	---	---	---	---	---	184.580	184.409	---	---	---	1981
1982	---	---	---	---	---	184.328	184.450	---	---	---	---	---	---	1982
MEAN	---	---	---	---	---	184.358	184.450	---	184.580	184.409	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 13 15 N
LONG 97 18 12 W REGULATED

SIPIWESK LAKE AT FORESTRY DOCK - STATION NO. 05UD006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	0.780	---	---	---	---	---	1962
1963	---	---	---	---	---	1.629	1.722	1.583	---	---	---	---	---	1963
1964	---	---	---	---	---	1.590	1.852	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	4.441	---	---	---	---	---	---	1965
1967	---	---	---	---	---	---	---	---	3.873	---	3.523	---	---	1967
1968	---	---	---	---	3.420	3.589	3.853	3.676	3.654	3.586	3.718	3.596	---	1968
1969	2.351	2.587	2.862	2.936	3.297	3.616	4.242	4.334	4.596	4.573	4.550	---	---	1969
1970	---	---	---	4.338	4.526	4.783	5.087	4.906	4.571	4.218	4.398	4.311	---	1970
1971	---	---	---	4.272	4.578	4.762	4.863	4.333	4.126	3.911	3.833	---	---	1971
1972	---	---	---	4.068	4.557	4.769	4.656	4.286	4.020	3.784	3.717	---	---	1972
1973	---	---	---	---	---	---	3.211	3.162	3.068	3.188	3.804	3.670	---	1973
1974	3.621	3.697	3.810	3.883	4.357	5.184	5.585	5.535	5.172	4.908	4.708	4.556	4.588	1974
1975	4.316	4.117	4.310	4.357	4.573	4.851	4.587	4.363	4.307	4.082	4.844	---	---	1975
1976	---	---	3.943	3.941	4.283	4.503	4.268	3.430	3.085	3.378	---	---	---	1976
1977	---	3.269	---	---	---	2.353	2.386	2.522	2.368	2.301	3.327	3.575	---	1977
1978	---	---	---	---	---	2.783	2.581	2.624	2.747	3.587	4.238	---	---	1978
1979	---	---	---	---	---	5.680	5.775	4.345	3.898	3.044	4.121	---	---	1979
1980	---	4.057	3.807	3.568	3.630	2.636	---	---	2.858	2.858	---	---	---	1980
1981	---	---	2.864	1.835	2.316	3.588	2.261	2.361	3.690	2.011	4.048	---	---	1981
1982	---	---	---	---	3.314	2.606	3.387	---	---	3.607	4.310	4.284	---	1982
1983	4.111	3.886	3.626	3.081	2.666	3.146	3.965	3.189	---	3.190	3.891	4.223	---	1983
MEAN	3.575	3.601	3.620	3.631	3.718	3.606	3.888	3.466	3.690	3.615	4.048	4.028	4.588	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 08 40 N
LONG 97 30 00 W REGULATED

SIPIWESK LAKE AT FORESTRY DOCK - STATION NO. 05UD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1967	---	---	---	1967
1968	---	3.826 ON DEC 1	---	1968
1969	---	4.782 ON NOV 28	2.115 ON JAN 13	1969
1970	---	5.145 ON JUL 14	---	1970
1971	4.778 AT 1545 CST ON JUN 7	4.773 ON JUN 7	---	1971
1972	---	4.848 ON JUN 19	---	1972
1973	---	---	---	1973
1974	5.683 AT 1500 CST ON JUL 27	5.642 ON JUL 27	3.588 ON JAN 21	1974
1975	5.035 AT 1630 CST ON NOV 6	5.011 ON NOV 6	---	1975
1976	4.837 AT 1300 CST ON JAN 3	4.831 ON JAN 2	---	1976
1977	3.633 AT 1545 CST ON DEC 22	3.627 ON DEC 22	---	1977
1978	---	---	---	1978
1979	5.893 AT 1230 CST ON JUL 16 *	5.887 ON JUL 14 *	---	1979
1980	4.116 AT 1430 CST ON FEB 22	4.106 ON FEB 22	---	1980
1981	4.316 AT 2000 CST ON NOV 26	4.314 ON NOV 27	1.769 ON APR 20 *	1981
1982	4.440 AT 1345 CST ON DEC 3	4.438 ON DEC 4	---	1982
1983	---	4.287 ON DEC 13	2.227 ON MAY 17	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNOW LAKE AT SNOW LAKE - STATION NO. 05TB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	274.800	274.550	274.624	274.640	275.084	274.934	274.871	274.782	274.620	274.788	274.697	274.564	274.737	1972
1973	274.434	274.344	274.256	274.313	274.695	274.927	274.922	274.902	274.633	274.786	274.606	274.865	274.694	1973
1974	274.877	274.858	274.801	274.862	275.019	274.963	274.888	274.787	274.713	274.683	274.648	274.583	274.815	1974
1975	274.896	274.896	274.858	274.634	274.803	274.840	274.678	274.648	274.767	274.782	274.788	274.775	274.778	1975
1976	274.745	274.718	274.682	274.688	274.823	274.888	274.867	274.783	274.647	274.884	274.942	274.898	274.832	1976
1977	274.828	274.741	274.700	274.788	274.803	274.712	274.858	274.771	274.648	274.788	274.880	274.807	274.777	1977
1978	274.717	274.680	274.667	274.667	---	274.862	274.727	274.667	274.735	---	274.808	274.804	---	1978
1979	---	274.733	274.713	274.745	---	275.038	274.851	274.748	274.684	274.780	274.975	274.958	---	1979
1980	274.810	274.675	274.640	274.675	274.930	274.675	274.827	274.695	274.980	274.848	274.672	274.784	274.686	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	274.775	274.626	274.636	274.684	274.684	---	---	---	1982
1983	---	---	---	---	---	274.626	274.636	---	---	---	---	---	---	1983
MEAN	274.726	274.668	274.660	274.690	274.824	274.877	274.862	274.762	274.708	274.788	274.824	274.787	274.788	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 53 10 N
LONG 100 01 50 W

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

SNOW LAKE AT SNOW LAKE - STATION NO. 05TB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	275.328 ON MAY 15 *	274.475E ON DEC 31	1972
1973	---	275.105 ON MAY 18	274.260E ON MAR 6 *	1973
1974	---	275.042 ON MAY 21	274.631E ON NOV 21	1974
1975	---	275.033 ON MAY 24	274.822E ON APR 8	1975
1976	---	275.145 ON JUL 3	274.674 ON APR 5	1976
1977	---	274.951 ON APR 28	274.519 ON JUL 5	1977
1978	---	---	---	1978
1979	---	275.173 ON MAY 28	274.679 ON SEP 28	1979
1980	---	275.008 ON OCT 3	274.837 ON DEC 31	1980
1981	---	274.888 ON MAY 12	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MOOSE LAKE AT MOOSE LAKE - STATION NO. 05KK001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	255.468	255.676	---	255.843	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	255.012	255.088	255.314	---	---	1984
1985	255.590	255.558	---	255.202	255.415	255.590	255.823	255.842	255.631	255.633	255.627	255.581	---	1985
1986	255.499	255.390	255.277	255.206	255.377	255.493	255.617	255.678	255.623	255.513	255.502	255.488	255.470	1986
1987	255.417	---	255.281	255.253	255.251	255.327	255.385	255.486	255.482	255.395	255.278	255.271	---	1987
1988	255.221	255.188	255.047	255.018	255.081	255.088	255.008	255.037	255.123	255.208	255.214	255.158	255.112	1988
1989	255.059	255.082	255.064	255.017	255.119	255.053	255.031	255.238	255.368	255.500	255.467	255.330	255.185	1989
1990	255.192	255.082	255.085	255.042	255.081	255.102	255.174	255.223	255.242	255.237	255.306	255.268	255.152	1990
1991	255.276	255.274	255.208	255.184	255.214	255.171	255.184	255.218	255.264	255.211	255.186	255.137	255.208	1991
1992	255.071	255.105	255.101	255.052	255.100	255.218	255.287	255.455	255.429	255.345	255.231	255.130	255.218	1992
1993	255.133	255.130	255.072	255.025	255.085	255.231	255.381	255.385	255.329	255.405	255.417	255.360	255.249	1993
1994	255.366	255.332	255.280	255.235	255.366	255.557	255.642	255.500	---	255.473	255.512	255.484	---	1994
1995	255.442	255.380	255.295	255.226	255.288	---	255.430	255.453	255.375	255.262	255.268	255.258	---	1995
1996	255.196	255.133	255.075	255.026	255.081	255.522	255.689	---	255.904	---	255.184	255.255	---	1996
1997	255.122	255.078	255.008	255.938	255.900	255.768	255.781	---	---	---	255.857	255.773	---	1997
1998	255.740	255.808	255.803	255.827	255.885	255.884	255.849	255.882	255.255	255.424	255.514	255.406	255.048	1998
1999	255.233	255.074	255.996	255.977	255.130	255.382	255.408	255.357	255.375	255.417	255.491	255.492	255.278	1999
2000	255.407	255.308	255.229	255.157	---	---	255.117	255.085	255.017	255.036	255.040	255.787	---	2000
2001	---	---	---	---	---	255.094	---	---	255.188	255.183	255.182	255.180	---	2001
2002	255.031	255.046	255.956	255.917	255.921	255.891	255.617	255.849	255.889	255.916	255.940	255.964	255.820	2002
MEAN	255.183	255.134	255.105	255.089	255.139	255.129	255.182	255.313	255.185	255.242	255.229	255.242	255.185	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 42 20 N
LONG 100 18 50 W

DRAINAGE AREA, 8 570 km²
REGULATED SINCE 1964

SOUTH MOOSE LAKE AT MOOSE LAKE - STATION NO. 05KK001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	255.808 ON DEC 31	---	1984
1985	---	255.658 ON JUL 31	255.614 ON JAN 1 *	1985
1986	---	255.730 ON AUG 26 *	255.178 ON APR 17	1986
1987	255.820 AT 2045 CST ON AUG 18	255.529 ON AUG 18	255.208A ON MAY 6	1987
1988	255.340 AT 2045 CST ON OCT 28	255.261 ON OCT 28	255.062 ON JUL 9	1988
1989	255.578 AT 0830 CST ON OCT 3	255.532 ON OCT 3	255.974 ON JUL 6	1989
1990	255.378 AT 2200 CST ON NOV 5	255.331A ON SEP 21	255.913A ON APR 13	1990
1991	255.410 AT 0800 CST ON OCT 6	255.312 ON SEP 4	255.078 ON JUL 6	1991
1992	255.587 AT 0650 CST ON AUG 31	255.504 ON AUG 30	255.044 ON JAN 16	1992
1993	255.501 AT 1328 CST ON OCT 31	255.483 ON OCT 31	255.005 ON APR 12	1993
1994	---	255.590 ON JUN 19	255.206 ON APR 20	1994
1995	255.703 AT 1335 CST ON JUL 6 *	255.480 ON AUG 11	255.178 ON OCT 17	1995
1996	255.294 AT 0304 CST ON DEC 5	255.268 ON DEC 3	---	1996
1997	255.187 AT 0001 CST ON JAN 1	255.194 ON JAN 1	---	1997
1998	255.593 AT 0051 CST ON NOV 5	255.538 ON NOV 5	255.718 ON JAN 14	1998
1999	255.515 AT 0750 CST ON NOV 27	255.511 ON NOV 27	255.864 ON APR 5	1999
2000	255.488 AT 0951 CST ON JAN 1	255.462 ON JAN 1	255.784 ON DEC 20	2000
2001	---	---	---	2001
2002	255.119 AT 0001 CST ON JAN 1	255.118 ON JAN 1	255.772 ON JUL 2	2002

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	254.813	254.822	254.825	254.839	255.063	255.113	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	256.678	---	---	1985
1986	---	---	---	---	---	---	256.668	256.781	256.689	256.578	256.586	256.554	---	1986
1987	256.485	256.426	256.352	256.323	256.327	256.388	256.492	256.578	256.559	256.448	256.331	256.320	256.421	1987
1988	---	256.212	256.118	256.088	256.143	256.118	256.087	256.101	256.201	256.277	256.302	256.232	---	1988
1989	---	---	256.130	256.106	256.138	256.078	256.098	256.285	256.440	256.568	256.556	256.422	---	1989
1990	---	---	---	---	---	---	256.247	256.302	256.320	256.307	256.378	---	---	1990
1991	---	256.364	256.281	256.235	256.268	256.262	256.227	256.309	256.344	256.288	256.233	256.177	---	1991
1992	---	256.187	256.170	256.134	256.237	256.263	256.368	256.534	256.606	256.415	256.311	256.207	---	1992
1993	---	256.203	256.161	256.108	256.158	256.285	256.478	256.488	256.380	---	---	---	---	1993
1994	---	---	---	256.282	256.417	256.618	256.628	256.574	256.552	256.541	256.578	256.581	---	1994
1995	256.511	256.444	256.361	256.291	256.328	256.428	256.492	---	---	---	---	---	---	1995
1996	---	---	256.142	256.101	256.054	256.008	---	---	---	256.078	256.266	---	---	1996
1997	---	256.147	---	256.026	256.021	256.078	---	256.681	---	---	---	---	---	1997
1998	256.606	256.852	256.660	256.675	256.868	256.957	256.007	256.146	256.313	256.488	256.575	256.488	256.110	1998
1999	256.295	256.131	256.047	256.032	256.102	---	256.463	---	---	---	256.649	256.550	---	1999
2000	256.486	256.377	256.284	256.208	256.150	256.116	256.168	256.178	---	---	256.011	256.857	---	2000
2001	256.048	256.053	256.026	256.057	---	---	---	256.286	---	---	256.238	---	---	2001
2002	---	---	---	256.078	---	---	---	256.026	255.824	255.977	256.006	256.012	---	2002
1993	256.000	256.004	256.061	256.000	256.052	256.083	256.068	256.041	256.124	256.184	256.142	---	---	1993
MEAN	256.303	256.184	256.038	256.022	256.078	256.084	256.231	256.218	256.303	256.343	256.353	256.305	256.268	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 57 00 N
LONG 100 10 00 W

REGULATED SINCE 1964

SOUTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	---	---	1965
1966	256.679 AT 1430 CST ON AUG 31 *	256.626 ON AUG 31 *	---	1966
1967	256.724 AT 1000 CST ON SEP 22	256.642 ON AUG 22	256.273 ON MAY 2	1967
1968	256.376 AT 0030 CST ON NOV 13	256.334 ON OCT 30	255.980 ON JUN 30	1968
1969	256.623 AT 2030 CST ON OCT 17	256.605 ON OCT 30	255.983 ON JUN 26	1969
1970	256.514 AT 1145 CST ON OCT 26	256.419 ON OCT 26	256.017 ON MAR 28	1970
1971	256.586 AT 1730 CST ON SEP 11	256.431 ON SEP 11	256.148 ON DEC 30	1971
1972	256.648 AT 1250 CST ON AUG 29	256.596 ON AUG 26	---	1972
1973	---	---	256.087 ON APR 18	1973
1974	256.858 AT 1630 CST ON JUL 12	256.754 ON JUL 12	256.270 ON APR 21	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	256.180 AT 1522 CST ON FEB 19	256.154 ON FEB 8	---	1977
1978	256.832 AT 1117 CST ON NOV 6	256.806 ON NOV 6	255.767A ON JAN 13 *	1978
1979	---	---	256.016 ON APR 3	1979
1980	256.513 AT 1304 CST ON JAN 1	256.507 ON JAN 1	256.443 ON DEC 18	1980
1981	---	---	---	1981
1982	256.135 AT 1111 CST ON JAN 8	256.133 ON JAN 8	---	1982
1983	256.188 AT 2310 CST ON OCT 4	256.174 ON OCT 1	256.882 ON APR 24	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE AT SOUTH BAY - STATION NO. 06EC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	258.191	258.230	258.211	258.129	258.122	258.075	---	1977
1978	258.043	257.994	257.901	257.957	258.253	258.269	258.187	258.229	258.183	258.175	---	---	---	1978
1979	---	---	---	257.887	257.784	258.173	258.184	257.894	257.982	258.018	258.034	---	---	1979
1980	---	258.024	257.980	257.876	258.004	258.185	258.081	258.269	258.122	258.170	258.180	258.104	---	1980
1981	257.992	257.888	257.778	257.623	257.681	257.903	257.815	257.832	257.234	257.078	257.083	---	---	1981
1982	---	---	---	257.006	257.310	257.970	258.154	258.165	258.115	257.888	257.818	257.251	---	1982
1983	257.052	256.981	257.068	---	---	---	258.080	258.068	258.188	258.117	258.126	258.107	---	1983
MEAN	257.696	257.722	257.677	257.630	257.788	258.088	258.088	[illegible]	258.006	257.936	257.837	257.884	---	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 56 40 51 N
LONG 99 01 11 W REGULATED

SOUTHERN INDIAN LAKE AT SOUTH BAY - STATION NO. 06EC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	---	---	---	1977
1978	---	258.425 ON MAY 30 *	---	1978
1979	258.303 AT 0324 CST ON JUN 26	258.258 ON JUN 26	257.860 ON APR 30	1979
1980	258.348 AT 1953 CST ON AUG 25 *	258.329 ON AUG 25	257.840 ON APR 23	1980
1981	258.098 AT 0225 CST ON JAN 1	258.098 ON JAN 1	257.032 ON NOV 1	1981
1982	258.259 AT 1540 CST ON AUG 15	258.248 ON AUG 22	---	1982
1983	258.334 AT 0000 CST ON SEP 21	258.327 ON SEP 20	256.857 ON FEB 7 *	1983

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE NEAR SOUTH INDIAN LAKE - STATION NO. 05EC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	256.572	---	---	---	---	1956
1957	---	---	---	---	---	255.018	---	255.373	---	255.087	---	---	---	1957
1958	---	---	---	---	---	255.047	255.117	255.122	---	255.240	---	---	---	1958
1959	---	---	---	---	---	---	---	---	255.883	---	---	---	---	1959
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1967	---	---	---	---	---	255.214	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	255.250	255.237	255.033	---	255.033	255.013	---	---	1968
1970	---	---	---	---	---	---	255.308	255.325	255.309	255.242	---	---	---	1970
1971	---	---	254.730	254.810	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	255.048	254.998	254.971	254.937	255.085	255.294	255.588	255.453	255.378	255.170	255.148	255.087	---	1973
1974	255.493	255.450	255.398	255.398	255.592	255.685	255.308	255.292	255.365	255.440	255.516	255.520	255.232	1974
1975	255.044	255.828	255.697	255.648	255.921	256.412	256.752	256.859	256.454	256.314	---	---	---	1975
1976	---	255.822	255.648	255.683	255.928	255.834	256.628	257.385	257.804	---	---	---	---	1976
1977	256.001	257.933	257.882	257.987	256.199	256.248	256.162	256.186	256.185	256.108	---	---	---	1977
1978	---	---	---	---	---	256.224	256.121	256.163	256.136	256.131	256.068	---	---	1978
1979	---	257.726	257.883	257.847	257.719	256.144	256.136	257.988	257.948	257.898	256.005	256.048	---	1979
1980	256.033	257.983	257.818	257.868	257.988	256.125	256.036	256.203	256.088	256.187	256.128	256.083	256.048	1980
1981	---	---	---	257.804	257.828	257.864	257.784	257.823	257.235	257.083	257.037	---	---	1981
1982	---	---	---	256.988	257.288	257.935	258.116	258.138	258.080	257.838	---	---	---	1982
1983	---	257.004	---	---	257.357	257.928	258.080	258.048	258.188	258.093	258.107	258.108	---	1983
MEAN	256.523	256.594	256.280	256.456	256.806	256.714	256.842	256.777	256.878	256.626	256.623	256.849	256.428	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

LOCATION - LAT 56 46 44 N
LONG 98 56 26 W REGULATED SINCE 1976

SOUTHERN INDIAN LAKE NEAR SOUTH INDIAN LAKE - STATION NO. 05EC001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1956	---	---	---	1956
1957	---	255.441 ON AUG 23	---	1957
1958	---	255.291 ON OCT 24	254.598 ON MAR 25	1958
1959	---	256.011 ON SEP 9	---	1959
1962	---	256.081 ON JUN 29	---	1962
1967	---	---	---	1967
1968	---	255.313 ON JUN 24	---	1968
1970	---	---	---	1970
1971	---	---	254.593 ON APR 9 *	1971
1972	255.888 AT 2000 CST ON JUL 1	255.842 ON JUN 30	---	1972
1973	255.847 AT 0800 CST ON NOV 2	255.535 ON NOV 2	254.810 ON APR 15	1973
1974	255.817 AT 1000 CST ON AUG 30	255.611 ON AUG 28	255.361 ON APR 5	1974
1975	---	256.803 ON JUL 8	255.830 ON APR 25	1975
1976	256.135 AT 1917 CST ON OCT 14	256.123 ON OCT 20	255.738 ON FEB 1	1976
1977	256.342 AT 1721 CST ON JUN 10	256.321 ON JUN 7	---	1977
1978	256.412 AT 1840 CST ON JUN 2 *	256.403 ON MAY 30 *	---	1978
1979	256.239 AT 1928 CST ON JUN 28	256.234 ON JUN 28	257.611 ON MAY 2	1979
1980	256.280 AT 1013 CST ON AUG 22	256.284 ON AUG 28	257.807 ON APR 23	1980
1981	---	---	---	1981
1982	258.238 AT 1519 CST ON AUG 15	258.211 ON AUG 15	258.081 ON APR 28	1982
1983	258.284 AT 1200 CST ON SEP 19	258.278 ON SEP 20	256.978 ON FEB 8	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPLIT LAKE AT SPLIT LAKE - STATION NO. 05UF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	186.857	---	---	---	---	---	---	---	---	---	1955
1959	---	---	---	---	---	---	187.241	---	---	---	---	---	---	1959
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	186.870	186.880	186.828	186.857	---	186.803	186.480	186.815	---	186.848	186.677	---	---	1964
1965	---	---	---	---	---	---	---	---	---	186.802	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1969	---	---	---	---	---	187.232	187.083	187.181	---	---	187.405	187.300	---	1969
1970	187.094	186.976	186.818	186.571	186.853	187.502	---	---	187.372	187.083	187.200	---	---	1970
1971	---	---	---	---	187.224	187.505	187.515	187.332	187.104	186.840	186.819	---	---	1971
1972	---	---	---	---	---	---	187.544	187.200	186.888	186.824	---	---	---	1972
1973	---	---	---	---	---	---	188.244	188.188	---	---	188.482	188.695	---	1973
1974	---	---	---	---	---	---	187.825	---	---	187.403	187.370	187.138	---	1974
1975	187.200	187.186	187.221	186.686	187.186	187.585	187.382	187.119	187.088	187.288	---	---	---	1975
1976	---	186.980	186.838	186.818	187.027	187.383	187.233	186.848	186.188	186.383	186.697	186.896	---	1976
1977	---	---	---	186.328	186.728	186.891	186.889	186.758	186.189	186.278	186.778	187.203	---	1977
1978	---	---	---	186.700	186.321	186.274	186.301	---	---	---	187.587	187.914	---	1978
1979	187.842	187.884	187.700	187.088	187.581	186.454	186.510	187.733	186.543	186.788	187.385	187.850	187.600	1979
1980	187.838	187.488	187.392	186.872	186.618	186.130	186.080	186.202	186.528	186.841	187.284	187.804	186.888	1980
1981	187.826	187.544	187.030	186.138	---	186.103	186.462	186.232	---	186.572	187.107	187.313	---	1981
1982	186.985	187.083	186.831	186.538	186.886	186.438	186.416	186.838	186.818	187.280	187.518	187.686	186.942	1982
1983	187.848	187.801	187.381	187.123	186.890	186.818	186.771	---	---	187.088	187.378	187.542	---	1983
MEAN	187.259	187.163	186.981	186.891	186.840	186.986	186.849	186.717	186.788	186.852	187.102	187.338	187.137	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

LOCATION - LAT 56 14 43 N
LONG 98 05 40 W REGULATED SINCE 1980

SPLIT LAKE AT SPLIT LAKE - STATION NO. 05UF003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1955	---	---	---	1955
1959	---	---	---	1959
1963	---	---	---	1963
1964	---	186.887 ON SEP 26	186.333 ON APR 3	1964
1965	---	187.581 ON JUL 9	---	1965
1966	---	188.375 ON JUN 26	---	1966
1969	---	---	---	1969
1970	---	187.867 ON JUL 6	186.439 ON APR 25	1970
1971	187.767 AT 1420 CST ON JUL 13	187.767 ON JUL 13	---	1971
1972	---	187.716 ON JUN 22	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	187.887 AT 2030 CST ON JUN 28	187.881 ON JUN 29	---	1975
1976	187.381 AT 1730 CST ON JUN 20	187.360 ON JUN 18	186.043 ON OCT 3	1976
1977	187.438 AT 1010 CST ON DEC 20	187.436 ON DEC 20	186.317 ON MAY 18 *	1977
1978	188.033 AT 2358 CST ON DEC 31	188.030 ON DEC 31	---	1978
1979	188.588 AT 2108 CST ON JUN 28 *	188.579 ON JUN 28 *	186.448 ON SEP 14	1979
1980	187.788 AT 1840 CST ON JAN 3	187.788 ON JAN 3	186.831 ON JUL 23	1980
1981	187.826 AT 2330 CST ON FEB 4	187.801 ON FEB 4	186.082 ON APR 29	1981
1982	187.801 AT 1438 CST ON DEC 11	187.787 ON DEC 11	186.102 ON JUL 2	1982
1983	187.883 AT 0000 CST ON DEC 30	187.851 ON DEC 30	186.846 ON JUN 30	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ST. MALO RESERVOIR NEAR ST. MALO - STATION NO. 05QE003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	250.053	250.313	253.480	255.971	255.712	---	1959
1960	255.457	254.798	253.882	---	---	255.883	---	---	251.436	251.973	---	253.681	---	1960
1961	252.842	251.881	---	---	---	---	---	---	---	255.436	---	---	---	1961
1962	---	---	---	---	255.177	255.208	255.108	255.176	255.101	255.082	255.085	255.070	---	1962
1963	---	255.787	---	---	255.307	---	255.309	255.327	255.257	255.255	255.287	---	---	1963
1964	255.356	---	255.681	255.115	255.247	255.203	255.157	255.069	---	255.126	255.087	255.017	---	1964
1965	255.854	255.736	255.611	255.009	255.255	255.264	---	255.080	254.884	255.158	255.171	---	---	1965
1966	---	---	---	---	---	---	---	---	---	255.118	255.107	255.088	---	1966
1967	255.056	255.051	255.084	255.302	---	255.086	255.048	255.027	255.008	---	255.084	255.048	---	1967
1968	---	255.038	255.051	255.181	255.184	255.213	255.221	255.194	255.183	255.143	255.122	---	---	1968
1969	255.050	255.048	255.084	255.258	255.220	255.137	255.087	255.055	255.034	255.051	255.071	255.071	255.097	1969
1970	255.080	255.057	255.055	255.178	255.202	255.282	255.078	255.987	255.048	255.081	255.108	255.088	255.115	1970
1971	255.085	255.088	255.087	255.224	255.212	255.108	255.087	255.031	255.002	255.057	255.042	255.078	255.086	1971
1972	---	---	255.086	255.150	255.106	255.062	255.055	255.888	255.052	255.095	255.098	---	---	1972
1973	---	255.038	255.072	255.122	255.127	255.128	255.090	255.066	255.053	255.147	255.105	255.080	---	1973
1974	---	255.055	255.053	255.224	255.302	255.256	255.027	255.955	255.039	255.045	255.057	255.058	---	1974
1975	---	255.021	255.031	255.084	255.181	255.121	255.090	255.960	255.882	255.932	---	---	---	1975
1976	255.038	255.043	255.048	255.162	255.121	255.080	255.026	255.872	255.826	255.010	254.937	254.921	255.738	1976
1977	254.914	254.911	254.931	255.748	255.251	255.078	255.046	255.024	255.065	255.114	255.069	255.067	255.775	1977
1978	255.070	255.057	255.056	255.195	255.188	255.075	255.058	255.982	255.895	255.042	255.057	255.042	255.082	1978
1979	255.041	255.038	255.042	255.138	255.279	255.178	255.050	255.020	255.038	255.005	255.062	255.050	255.078	1979
1980	255.053	255.051	255.051	255.142	255.085	255.022	255.803	255.708	255.663	255.085	255.095	255.053	255.018	1980
1981	255.041	255.044	255.072	255.113	255.092	255.125	255.074	255.063	255.101	255.173	255.152	255.080	255.084	1981
1982	255.033	255.023	255.057	255.209	255.232	255.215	255.158	255.120	255.055	255.148	255.113	255.077	255.120	1982
1983	255.052	255.050	255.135	255.322	255.185	255.157	255.121	255.011	255.013	255.047	255.058	255.044	255.099	1983
MEAN	255.749	255.680	255.654	255.154	255.222	255.138	255.080	255.761	255.500	255.701	255.044	255.841	255.026	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 19 06 N
LONG 96 56 13 W REGULATED

ST. MALO RESERVOIR NEAR ST. MALO - STATION NO. 05QE003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	256.190 ON JUN 18	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	256.343 ON MAY 6	255.852 ON MAR 31	1964
1965	---	256.465 ON MAY 6	253.826 ON SEP 27 *	1965
1966	---	---	---	1966
1967	---	256.578 ON APR 21 *	---	1967
1968	---	256.248 ON AUG 25	---	1968
1969	---	256.395 ON APR 20	256.011 ON AUG 28	1969
1970	256.450 AT 0142 CST ON MAY 17	256.443 ON MAY 18	255.936 ON AUG 28	1970
1971	---	256.394 ON APR 23	255.977 ON SEP 28	1971
1972	---	256.245 ON MAY 6	256.787 ON AUG 16	1972
1973	---	256.181 ON OCT 23	---	1973
1974	256.535 AT 1800 CST ON APR 25 *	256.529 ON APR 26	255.877 ON AUG 14	1974
1975	256.203 IN JUL	256.203 ON JUL 1	255.818 ON SEP 28	1975
1976	---	256.206 ON APR 15	254.816 ON DEC 27	1976
1977	256.343 AT 1849 CST ON MAY 11	256.343 ON MAY 10	254.810 ON FEB 1	1977
1978	256.291 AT 2100 CST ON APR 18	256.291 ON APR 19	255.818 ON SEP 11	1978
1979	256.395 AT 0849 CST ON APR 19	256.374 ON APR 19	255.988 ON OCT 17	1979
1980	256.204 AT 1536 CST ON APR 8	256.202 ON APR 20	255.742 ON SEP 11	1980
1981	256.198 AT 0820 CST ON NOV 2	256.198 ON OCT 31	256.021 ON SEP 6	1981
1982	256.344 AT 1356 CST ON APR 15	256.330 ON APR 15	256.013 ON FEB 5	1982
1983	256.416 AT 0115 CST ON APR 9	256.412 ON APR 8	255.984A ON SEP 7	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEPHENFIELD RESERVOIR NEAR STEPHENFIELD - STATION NO. 05GF005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	295.718	---	295.701	295.626	295.774	---	---	---	---	1964
1965	---	---	---	---	---	294.705	---	---	295.155	294.758	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	295.855	---	---	---	1973
1974	---	---	---	---	295.953	295.742	295.518	295.286	295.313	295.348	295.267	---	---	1974
1975	---	---	---	---	295.774	295.758	295.707	295.357	---	---	---	---	---	1975
1976	---	---	---	---	---	295.671	295.606	295.455	295.220	---	---	---	---	1976
1977	---	---	---	295.003	295.681	295.684	295.632	295.578	295.669	295.626	295.626	---	---	1977
1978	---	---	---	295.886	295.759	295.726	295.781	295.706	295.705	295.804	---	---	---	1978
1979	---	---	---	295.884	295.818	295.760	295.649	295.583	295.605	295.648	295.626	---	---	1979
1980	---	---	---	295.713	295.511	295.181	295.018	294.842	294.748	294.626	295.077	---	---	1980
1981	---	---	295.687	295.868	295.687	295.693	295.673	295.654	294.895	294.440	---	---	---	1981
1982	---	---	---	---	295.650	295.651	295.314	295.257	295.094	295.183	295.286	295.233	---	1982
1983	294.987	294.880	294.840	295.956	295.710	295.677	295.444	295.138	294.888	294.771	294.587	---	---	1983
MEAN	294.987	294.880	295.264	295.856	295.748	295.670	295.549	295.408	295.278	295.177	295.248	295.233	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 31 37 N
LONG 96 16 48 W REGULATED

STEPHENFIELD RESERVOIR NEAR STEPHENFIELD - STATION NO. 05GF005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	295.985 ON APR 13	---	1964
1965	---	295.701 ON APR 14	---	1965
1966	---	295.361 ON APR 2	---	1966
1967	---	295.183 ON APR 20	---	1967
1968	---	295.732 ON APR 12	---	1968
1970	---	295.851 ON APR 29	---	1970
1971	---	295.519 ON APR 10	---	1971
1972	---	295.122 ON APR 10	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	295.949 ON APR 28	---	1975
1976	---	295.351 ON APR 9	---	1976
1977	---	295.916 ON MAY 19	294.589 ON APR 1	1977
1978	---	295.177 ON APR 11	---	1978
1979	297.150 AT 0930 CST ON APR 22 *	297.094 ON APR 22 *	295.108 ON APR 11	1979
1980	295.978 AT 1305 CST ON APR 7	295.883 ON APR 7	---	1980
1981	295.919 AT 1617 CST ON JUN 24	295.846 ON JUN 25	---	1981
1982	295.854 AT 1440 CST ON APR 13	295.849 ON APR 13	---	1982
1983	296.285 AT 1228 CST ON APR 9	296.256 ON APR 9	294.498 ON MAR 5 *	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SWAN (PEMBINA) LAKE NEAR SWAN LAKE - STATION NO. 05OB015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	0.579	1.006	1.056	1.186	1.083	0.913	0.738	0.716	---	---	1962
1963	---	---	---	---	---	1.120	1.301	1.022	0.723	0.548	---	---	---	1963
1964	---	---	---	---	1.125	0.733	0.789	---	---	---	---	---	---	1964
1965	---	---	---	---	1.587	1.248	0.882	0.695	0.674	0.551	---	---	---	1965
1966	---	---	---	---	---	0.873	---	0.578	0.408	0.348	---	---	---	1966
1967	---	---	---	---	---	0.887	0.584	0.418	0.288	0.255	---	---	---	1967
1968	---	---	---	---	0.575	0.473	0.483	0.706	---	1.280	---	---	---	1968
1969	---	---	---	---	2.108	1.428	1.173	1.088	0.835	0.848	---	---	---	1969
1970	---	---	---	---	2.265	1.902	1.579	1.158	0.803	0.638	---	---	---	1970
1971	---	---	---	---	1.678	1.331	1.491	1.288	0.847	0.801	---	---	---	1971
1972	---	---	---	---	1.585	1.208	1.308	0.872	0.858	---	---	---	---	1972
1973	---	---	---	---	0.422	0.484	0.781	0.834	0.739	---	---	---	---	1973
1974	---	---	---	---	---	2.045	1.322	1.000	0.744	0.558	---	---	---	1974
1975	---	---	---	---	---	1.510	1.185	0.718	0.548	---	---	---	---	1975
1976	---	---	---	---	---	---	0.984	0.688	0.457	---	---	---	---	1976
1977	---	---	---	---	---	0.388	0.420	0.380	0.282	0.408	0.378	0.430	---	1977
1978	0.458	0.474	---	---	1.105	0.999	0.863	0.714	0.544	0.464	---	---	---	1978
1979	---	---	---	---	---	1.552	1.077	0.885	0.648	0.493	0.451	---	---	1979
1980	---	---	---	---	0.658	0.491	0.433	0.386	0.386	0.388	---	---	---	1980
1981	---	---	0.784	1.100	0.785	0.643	0.647	0.618	0.640	0.648	---	---	---	1981
1982	---	---	---	1.450	1.641	1.476	1.371	0.977	0.651	0.585	---	---	---	1982
1983	---	---	---	---	1.384	0.906	0.735	0.580	0.488	0.474	---	---	---	1983
MEAN	0.458	0.474	0.784	1.045	1.293	1.089	0.978	0.800	0.619	0.564	0.515	0.430	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 49 21 20 N
LONG 98 54 00 W

SWAN (PEMBINA) LAKE NEAR SWAN LAKE - STATION NO. 05OD010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	1.183 ON JUL 9	---	1962
1963	---	1.274 ON JUN 25	---	1963
1964	---	1.241 ON MAY 2	---	1964
1965	1.689 AT 1800 CST ON MAY 11	1.670 ON MAY 11	---	1965
1966	1.311 AT 2130 CST ON MAY 9	1.311 ON MAY 9	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	1.685 ON SEP 18	---	1969
1970	2.384 AT 2335 CST ON MAY 9 *	2.377 ON MAY 10	---	1970
1971	---	2.533 ON APR 23	---	1971
1972	---	---	---	1972
1973	0.814 AT 0547 CST ON JUL 29	0.811 ON JUL 29	---	1973
1974	---	---	---	1974
1975	---	3.624 ON MAY 9	---	1975
1976	---	2.987 ON APR 17 *	---	1976
1977	0.480 AT 1838 CST ON JUN 21	0.484 ON JUN 21	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	1.186 AT 2017 CST ON APR 11	1.180 ON APR 11	---	1981
1982	1.951 AT 0018 CST ON APR 26	1.948 ON APR 26	0.557 ON SEP 26	1982
1983	---	---	0.448 ON SEP 26 *	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SWAN LAKE NEAR NOVRA - STATION NO. 05LE007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	259.130	259.173	258.930	258.838	259.062	259.211	259.068	---	1962
1963	258.834	258.912	258.911	258.852	259.081	259.375	259.852	259.618	259.486	259.285	259.081	259.028	259.203	1963
1964	258.678	258.674	258.595	258.738	259.322	259.099	259.088	259.463	259.264	---	---	---	---	1964
1976	---	---	---	---	---	---	259.318	259.025	---	---	---	---	---	1976
1977	---	---	---	---	---	258.800	258.618	258.680	258.678	258.882	---	---	---	1977
1978	---	---	---	---	259.080	258.972	258.801	258.619	258.568	258.558	---	---	---	1978
1979	---	---	---	---	259.022	259.088	259.445	259.007	258.782	258.858	---	---	---	1979
1980	---	---	---	---	258.807	258.678	258.520	258.467	258.554	258.611	---	---	---	1980
1981	---	---	---	258.673	258.712	258.650	258.593	258.594	258.517	258.541	---	---	---	1981
1982	---	---	---	---	---	---	---	---	258.784	---	---	---	---	1982
1983	---	---	---	---	259.606	259.654	259.613	259.378	259.068	258.938	---	---	---	1983
MEAN	258.906	258.793	258.753	258.720	259.146	259.101	259.182	258.977	258.678	258.827	259.146	259.043	259.203	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

LOCATION - LAT 52 32 00 N DRAINAGE AREA, 9 780 km²
LONG 100 52 00 W

SWAN LAKE NEAR NOVRA - STATION NO. 05LE007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1963	---	259.952 ON JUL 13	258.815 ON APR 28 *	1963
1964	---	260.177 ON JUN 25 *	---	1964
1976	---	259.427 ON JUL 3	---	1976
1977	---	---	---	1977
1978	259.306 AT 1800 CST ON MAY 14	259.235 ON MAY 14	---	1978
1979	259.596 AT 2006 CST ON JUN 12 *	259.081 ON JUN 6	---	1979
1980	258.805 AT 1302 CST ON MAY 28	258.670 ON MAY 28	---	1980
1981	258.957 AT 1356 CST ON APR 21	258.765 ON MAY 15	---	1981
1982	259.084 AT 1442 CST ON AUG 11	259.028 ON AUG 8	---	1982
1983	259.644 AT 2237 CST ON JUL 16	259.784 ON MAY 25	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

UPPER GRANDVIEW RESERVOIR NEAR MERRIDALE - STATION NO. 05LJ011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	633.983	633.918	---	---	634.088	634.087	---	---	634.208	---	634.088	---	---	1983
MEAN	633.983	633.918	---	---	634.088	634.087	---	---	634.208	---	634.088	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 23 51 N
LONG 101 02 05 W

REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1966-83 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

VERMILION RESERVOIR NEAR DAUPHIN - STATION NO. 05LJ048

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	DRY	DRY	DRY	***	388.788	388.413	388.021	387.628	387.781	387.813	387.788	387.683	***	1979
1980	387.454	---	---	387.885	388.318	388.310	388.332	388.358	388.351	388.288	388.192	388.330	---	1980
1981	388.233	388.302	388.378	388.428	388.415	388.478	388.387	388.308	388.278	388.344	388.384	388.297	388.340	1981
1982	---	---	---	388.483	388.443	388.382	388.331	388.348	388.248	388.231	388.312	387.893	---	1982
1983	387.445	388.908	388.442	387.005	387.383	388.238	---	388.670	388.027	388.240	388.644	388.682	---	1983
MEAN	***	***	***	***	388.288	388.358	388.258	387.702	387.631	387.578	387.680	387.673	***	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 02 45 N
LONG 100 10 05 W REGULATED SINCE 1979

*** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

VERMILION RESERVOIR NEAR DAUPHIN - STATION NO. 05LJ048

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	388.480 AT 0832 CST ON MAY 17 *	388.434 ON MAY 17 *	DRY ON JAN 1 *	1979
1980	388.550 AT 1336 CST ON APR 18	388.545 ON APR 18	---	1980
1981	388.668 AT 2238 CST ON MAY 28	388.643 ON JUN 18	388.147 ON FEB 14	1981
1982	388.878 AT 0257 CST ON APR 18	388.838 ON APR 18	387.676 ON DEC 31	1982
1983	388.268 AT 0159 CST ON APR 25	388.188 ON APR 25	384.982 ON SEP 22	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATERHEN LAKE AT SKOWNAN - STATION NO. 05LH008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	252.035	251.980	251.948	252.007	252.198	252.152	252.047	252.017	252.012	252.044	252.043	252.069	252.047	1977
1978	252.088	252.058	252.001	252.031	252.245	252.233	252.085	251.982	251.878	251.857	251.824	251.948	252.028	1978
1979	251.918	251.884	251.882	251.917	252.108	252.488	252.492	252.383	252.248	252.193	252.207	252.268	252.184	1979
1980	252.278	252.248	252.205	252.202	252.238	252.108	251.988	251.870	251.825	251.788	251.785	251.783	252.024	1980
1981	251.887	251.888	---	---	251.887	251.940	251.903	251.784	251.635	251.681	251.634	251.636	---	1981
1982	---	---	---	---	251.887	251.935	251.873	251.728	---	---	251.728	---	---	1982
1983	251.708	---	251.648	251.675	252.048	252.245	252.298	252.248	252.188	252.124	252.094	252.132	---	1983
MEAN	251.953	251.983	251.933	251.986	252.088	252.188	252.095	251.988	251.881	251.845	251.818	251.872	252.088	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 58 20 N
LONG 99 35 20 W

WATERHEN LAKE AT SKOWMAN - STATION NO. 05LH003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	252.178 ON MAY 13	251.885 ON OCT 18	1958
1959	---	252.050 ON JUN 28	251.463 ON MAR 7	1959
1960	---	252.353 ON JUN 9	251.853 ON APR 8	1960
1961	---	252.038 ON MAY 24	251.420 ON DEC 28	1961
1962	---	251.895 ON JUN 20	251.368 ON DEC 24	1962
1963	---	251.625 ON JUL 8	251.256 ON NOV 14	1963
1964	---	251.478 ON MAY 21	251.241 ON APR 13 *	1964
1965	---	251.887 ON JUL 2	---	1965
1966	---	252.358 ON DEC 8	251.725 ON APR 11	1966
1967	---	252.505 ON JUN 20	---	1967
1968	---	252.347 ON MAY 15	251.972 ON NOV 18	1968
1969	---	252.173 ON JUN 25	251.871 ON APR 6	1969
1970	---	252.347 ON DEC 14	251.884 ON APR 18	1970
1971	---	252.515 ON MAY 22	252.137 ON NOV 18	1971
1972	---	252.457 ON JUN 2	251.975 ON NOV 18	1972
1973	---	252.298 ON JUL 2	251.820 ON MAR 23	1973
1974	---	252.578 ON JUN 8	252.008 ON FEB 28	1974
1975	---	252.538 ON MAY 28	252.155 ON SEP 24	1975
1976	---	252.480 ON JUN 17	---	1976
1977	---	252.248 ON MAY 27	251.935 ON MAR 11	1977
1978	---	252.344 ON MAY 15	251.811 ON OCT 18	1978
1979	---	252.591 ON JUN 20 *	251.850 ON MAR 1	1979
1980	---	252.417A ON APR 19	251.750 ON OCT 28	1980
1981	252.288 AT 2330 CST ON JUN 17	252.014 ON JUN 25	---	1981
1982	252.150 AT 2215 CST ON JUN 6	252.021 ON JUN 7	---	1982
1983	252.480 AT 2151 CST ON AUG 8 *	252.325 ON JUL 20	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEAVER LAKE AT OUTLET - STATION NO. 05RE002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	27.950	27.998	---	1967
1968	27.957	27.917	27.881	28.041	29.195	29.344	28.080	---	28.817	28.807	28.615	28.585	---	1968
1969	28.319	28.188	28.058	28.339	29.039	29.030	28.787	29.300	29.558	29.418	28.991	---	---	1969
1970	---	---	---	27.934	28.537	28.124	28.488	28.326	28.104	28.210	28.450	---	---	1970
1971	---	---	27.987	28.282	29.343	28.674	28.246	28.307	28.131	28.046	28.259	---	---	1971
1972	---	---	---	28.068	29.880	28.818	28.339	28.088	27.887	27.854	27.901	---	---	1972
1973	---	---	---	28.068	28.853	28.883	28.498	28.140	27.852	28.128	28.370	28.383	---	1973
1974	---	28.058	28.020	28.075	29.341	29.052	28.312	27.852	27.818	28.103	28.228	---	---	1974
1975	---	---	---	27.852	28.803	29.030	28.618	28.681	28.102	28.858	28.518	---	---	1975
1976	---	---	---	---	---	---	28.183	27.848	27.722	27.893	---	---	---	1976
1977	---	27.718	27.702	27.834	---	---	28.480	28.575	28.537	28.607	28.435	28.208	---	1977
1978	28.087	27.970	27.913	27.948	28.840	28.874	28.537	28.386	28.278	28.695	28.732	28.446	28.357	1978
1979	28.197	28.053	27.992	28.100	29.343	29.854	28.699	28.302	28.001	28.012	28.124	28.126	28.410	1979
1980	28.078	28.024	27.969	28.084	28.700	28.278	27.977	27.916	28.038	28.232	28.258	28.131	28.136	1980
1981	28.018	27.838	27.874	27.916	28.315	---	---	---	---	---	---	---	---	1981
1982	---	28.071	---	28.077	29.237	29.090	28.663	28.292	28.127	28.129	28.257	28.225	---	1982
1983	28.128	28.048	27.988	28.033	29.083	29.087	28.151	28.618	28.124	27.981	---	---	---	1983
MEAN	28.107	27.996	27.938	28.050	29.005	28.934	28.560	28.328	28.293	28.321	28.378	28.258	28.302	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 46 40 N
LONG 86 45 10 W NATURAL FLOW

WEAVER LAKE AT OUTLET - STATION NO. 05RE002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	28.694 AT 1832 CST ON MAY 23	28.681 ON MAY 23	27.892 ON APR 20	1970
1971	28.547 AT 2220 CST ON MAY 10	28.541 ON MAY 9	27.959 ON APR 11	1971
1972	28.822 AT 1630 CST ON MAY 11	28.816 ON MAY 11	---	1972
1973	28.635 AT 1000 CST ON MAY 22	28.577 ON MAY 21	---	1973
1974	28.498 AT 1000 CST ON MAY 27	28.468 ON MAY 26	27.831 ON AUG 26 *	1974
1975	28.183 AT 1134 CST ON SEP 22	28.148 ON SEP 14	---	1975
1976	---	---	---	1976
1977	28.773 AT 1306 CST ON JUL 22	28.767 ON JUL 23	---	1977
1978	28.868 AT 1113 CST ON MAY 30	28.846 ON MAY 30	27.898 ON MAR 28	1978
1979	30.103 AT 1326 CST ON JUN 8 *	30.081 ON JUN 8 *	27.948 ON APR 13	1979
1980	28.803 AT 0420 CST ON MAY 18	28.788 ON MAY 13	27.839 ON AUG 21	1980
1981	---	29.080A ON JUL 5	---	1981
1982	29.486 AT 1136 CST ON MAY 15	29.438 ON MAY 15	---	1982
1983	28.398 AT 0126 CST ON MAY 30	28.387 ON MAY 30	27.824 ON OCT 17	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEKUSKO LAKE AT BERRY BAY WHARF - STATION NO. 05TB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	255.761	255.600	255.427	255.273	255.172	---	---	---	1958
1959	---	---	---	---	---	---	255.503	255.260	255.095	255.026	255.018	---	---	1959
1960	---	---	---	---	---	255.535	255.312	---	---	254.788	254.738	---	---	1960
1961	---	---	---	---	254.788	254.628	254.747	254.636	254.528	254.471	254.539	---	---	1961
1962	---	---	---	---	---	---	255.140	---	254.878	254.841	---	---	---	1962
1963	---	---	---	---	255.131	255.285	---	255.022	---	---	---	---	---	1963
1964	---	---	---	---	---	---	254.885	---	---	---	---	---	---	1964
1965	---	---	---	---	255.484	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	255.805	---	255.278	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	254.836	---	---	---	1968
1969	---	---	---	---	255.262	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	255.223	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	254.870	254.885	254.848	254.828	254.853	255.088	---	---	255.139	255.100	255.128	255.117	---	1977
1978	255.108	255.053	255.015	255.019	255.078	255.170	255.131	255.025	254.888	255.081	255.175	255.143	255.078	1978
1979	255.114	255.082	255.047	255.050	255.218	255.880	255.554	255.323	255.050	254.938	254.952	254.918	255.189	1979
1980	254.898	254.895	254.872	254.841	254.898	---	254.785	254.712	254.855	255.028	255.024	254.987	---	1980
1981	254.954	254.911	254.888	254.863	255.018	255.085	255.120	254.955	254.784	254.901	254.919	---	---	1981
1982	254.928	254.910	254.890	254.867	255.189	255.247	255.148	255.008	254.873	254.805	254.785	254.779	254.957	1982
MEAN	254.975	254.953	254.927	254.911	255.114	255.299	255.183	255.118	254.948	254.945	254.919	254.989	255.088	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 47 00 N DRAINAGE AREA, 9 050 km²
LONG 99 56 00 W

WEKUSKO LAKE AT BERRY BAY WHARF - STATION NO. 05TB003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	255.849 ON JUN 9	---	1958
1959	---	---	---	1959
1960	---	255.572 ON JUN 12	---	1960
1961	---	254.698 ON JUN 8	---	1961
1962	---	255.416 ON MAY 31	---	1962
1963	---	255.319 ON JUN 1	---	1963
1964	---	255.252 ON OCT 13	---	1964
1965	---	255.570 ON JUN 12	---	1965
1966	---	256.130 ON JUL 19 *	---	1966
1967	---	255.425 ON JUN 11	---	1967
1968	---	255.488 ON JUN 2	---	1968
1969	---	255.380 ON OCT 19	---	1969
1970	---	255.578 ON JUL 12	---	1970
1971	---	255.288 ON MAY 21	---	1971
1972	---	255.517 ON JUL 18	---	1972
1973	---	255.480 ON JUN 18	---	1973
1974	---	255.485 ON JUN 2	254.770 ON NOV 27	1974
1975	---	255.385 ON JUL 1	---	1975
1976	---	255.288 ON JUL 28	254.778 ON MAY 27	1976
1977	---	255.154 ON SEP 20	254.815E ON APR 14	1977
1978	---	255.197 ON NOV 20	254.953 ON SEP 18	1978
1979	---	255.732E ON JUN 18	254.897 ON DEC 11	1979
1980	255.071 AT 0217 CST ON OCT 30	255.057 ON OCT 23	254.678 ON AUG 31 *	1980
1981	255.221 AT 1040 CST ON JUL 2	255.203 ON JUL 3	---	1981
1982	255.349 AT 3243 CST ON JUN 3 *	255.334 ON JUN 4	254.703 ON NOV 1	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HAWK LAKE AT WEST HAWK LAKE CAMPGROUND - STATION NO. 05PG803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	332.643	332.517	332.449	---	---	---	---	---	1983
MEAN	---	---	---	---	---	332.643	332.517	332.449	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 44 45 N
LONG 95 12 41 W REGULATED

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

WEST HAWK LAKE AT WEST HAWK LAKE CAMPGROUND - STATION NO. 05PG803

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	332.782 ON MAY 18 *	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMOUTH LAKE NEAR THE OUTLET - STATION NO. 05PH005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	343.862	343.868	343.804	343.673	343.612	343.530	343.571	---	---	---	1977
1978	---	---	---	---	343.813	343.870	343.818	343.736	343.669	343.647	---	---	---	1978
1979	---	---	---	---	343.940	343.884	343.880	343.848	343.812	343.758	---	---	---	1979
1980	---	---	---	343.870	343.790	343.647	343.581	343.540	343.548	343.586	---	---	---	1980
1981	---	---	---	343.622	343.694	343.601	343.588	343.576	343.653	343.722	---	---	---	1981
1982	---	---	---	---	343.878	343.988	344.006	343.983	343.841	344.007	---	---	---	1982
1983	---	---	---	---	344.171	344.188	344.187	344.038	343.986	---	---	---	---	1983
MEAN	---	---	---	343.718	343.885	343.838	343.788	343.749	343.737	343.710	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 15 40 N
LONG 95 41 50 W REGULATED

WHITEMOUTH LAKE NEAR THE OUTLET - STATION NO. 05PH005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	343.787 AT 0320 CST ON MAY 15	343.717 ON MAY 15	---	1977
1978	343.973 AT 1020 CST ON MAY 26	343.939 ON MAY 15	---	1978
1979	344.076 AT 1436 CST ON JUN 13	344.031 ON JUN 13	---	1979
1980	343.691 AT 1327 CST ON APR 13	343.685 ON APR 21	343.488 ON SEP 15 *	1980
1981	343.794 AT 1328 CST ON JUN 17	343.783 ON OCT 12	343.526 ON SEP 3	1981
1982	344.153 AT 0145 CST ON JUL 5	344.052 ON AUG 2	---	1982
1983	344.300 AT 0123 CST ON JUN 22 *	344.218 ON JUN 24 *	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEWATER LAKE NEAR BOISSEVAIN - STATION NO. 05MG023

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	495.878	---	---	---	1970
1971	---	---	---	---	---	---	---	497.072	496.008	---	---	---	---	1971
1972	---	---	---	---	---	---	496.378	496.343	496.285	---	---	---	---	1972
1973	---	---	---	---	---	496.248	496.288	496.283	496.229	496.210	---	---	---	1973
1975	---	---	---	---	---	---	497.072	496.988	496.974	497.000	---	---	---	1975
1976	---	---	---	---	---	---	497.386	497.246	497.133	---	---	---	---	1976
1977	---	---	---	---	496.988	496.895	496.847	496.746	496.714	496.691	---	---	---	1977
1978	---	---	---	---	---	496.728	---	---	496.434	496.382	---	---	---	1978
1979	---	---	---	---	---	496.792	496.671	496.531	496.500	496.482	---	---	---	1979
1980	---	---	---	---	496.398	496.237	496.170	496.210	496.241	496.238	---	---	---	1980
1981	---	---	---	---	496.214	496.131	496.086	496.096	496.085	496.032	---	---	---	1981
1982	---	---	---	---	496.209	496.176	496.103	496.023	495.918	495.956	---	---	---	1982
1983	---	---	---	---	496.176	496.087	496.007	495.873	495.801	495.781	---	---	---	1983
MEAN	---	---	---	---	496.302	496.413	496.494	496.380	496.351	496.280	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 15 28 N
LONG 100 19 28 W

WHITEWATER LAKE NEAR BOISSEVAIN - STATION NO. 05MD023

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	496.324 AT 0300 CST ON JUL 1	496.315 ON JUN 28	---	1973
1974	---	---	---	1974
1975	497.571 AT 1800 CST ON MAY 11 *	497.558A ON MAY 8 *	---	1975
1976	497.092 AT 0103 CST ON MAY 18	496.802 ON MAY 24	496.644A ON NOV 3	1976
1977	---	496.768 ON MAY 30	---	1977
1978	496.832 AT 1012 CST ON JUN 5	496.654 ON JUN 5	---	1978
1979	---	---	---	1979
1980	496.488 AT 1545 CST ON MAY 3	496.470 ON MAY 2	---	1980
1981	496.385 AT 0033 CST ON MAY 2	496.278 ON MAY 1	---	1981
1982	496.311 AT 0846 CST ON APR 29	496.244 ON APR 29	496.670 ON SEP 27 *	1982
1983	496.335 AT 2248 CST ON MAY 8	496.212 ON MAY 8	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT LAC DU BONNET - STATION NO. 05PF002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	252.478	---	250.288	---	---	250.204	---	1943
1944	250.106	250.187	250.186	250.112	250.184	250.956	251.824	251.146	251.633	250.437	---	---	---	1944
1945	---	250.424	250.380	251.135	251.772	251.020	250.332	250.207	250.081	249.962	250.137	250.249	---	1945
1946	---	250.225	250.338	250.817	251.218	250.818	250.633	250.274	249.949	249.882	250.192	250.250	---	1946
1947	250.288	250.469	250.605	250.782	250.978	251.371	251.985	250.834	250.338	250.112	250.159	250.207	250.675	1947
1948	250.248	250.324	250.362	250.474	251.415	250.730	250.152	250.280	249.888	249.884	249.884	249.898	250.317	1948
1949	250.059	---	250.070	250.176	250.328	249.969	249.761	249.641	---	250.015	250.482	250.483	---	1949
1950	250.385	250.357	250.387	250.458	251.858	252.774	252.687	252.589	252.120	250.984	250.678	250.515	251.318	1950
1951	250.690	250.784	250.814	250.881	251.508	251.286	250.681	250.123	249.898	250.065	250.182	250.383	250.614	1951
1952	250.702	250.727	250.868	250.587	250.244	249.878	250.059	250.582	250.389	---	249.873	250.141	---	1952
1953	250.148	250.155	250.148	250.313	250.785	250.720	250.542	250.211	---	---	---	250.186	---	1953
1954	250.185	250.231	250.404	---	---	252.587	252.523	250.942	250.497	250.514	---	253.338	---	1954
1955	253.381	254.224	254.573	254.587	254.588	254.588	254.534	254.584	254.778	254.777	254.791	254.816	254.515	1955
1956	254.813	254.823	254.824	254.837	254.841	254.844	254.815	254.725	254.760	254.754	254.792	254.736	254.798	1956
1957	254.841	254.858	254.715	254.578	254.804	254.808	254.884	254.842	254.730	254.763	254.713	254.772	254.733	1957
1958	254.788	254.788	254.815	254.562	254.458	254.457	254.606	254.413	254.374	254.604	254.785	254.812	254.602	1958
1959	254.771	254.787	254.738	254.817	254.825	254.802	254.817	254.801	254.588	254.622	254.731	254.837	254.805	1959
1960	254.848	254.788	254.778	254.788	254.711	254.551	254.498	254.520	254.808	254.885	254.733	254.788	254.684	1960
1961	254.758	254.744	254.748	254.802	254.737	254.581	254.648	254.505	254.816	254.888	254.894	254.889	254.678	1961
1962	254.700	254.708	254.731	254.722	254.798	254.885	254.884	254.813	254.567	254.597	254.707	254.788	254.688	1962
1963	254.805	254.837	254.853	254.806	254.784	254.778	254.732	254.710	254.722	254.735	254.714	254.816	254.778	1963
1964	254.859	254.848	254.788	254.813	254.824	254.810	254.840	254.788	254.795	254.848	254.718	254.819	254.793	1964
1965	254.803	254.848	---	---	---	254.709	254.882	254.722	254.788	254.814	254.788	254.853	---	1965
1966	254.807	254.821	254.838	254.841	254.803	254.807	254.780	254.780	254.859	254.821	254.819	254.819	254.857	1966
1967	254.858	254.888	254.872	254.878	254.822	254.780	---	254.787	254.780	254.736	254.807	254.834	---	1967
1968	254.842	254.861	254.823	254.891	254.895	254.825	254.751	254.716	254.705	254.743	254.819	254.819	254.774	1968
1969	254.850	254.884	254.882	254.784	254.745	254.848	254.804	254.743	254.788	254.787	254.704	---	---	1969
1970	---	---	254.838	254.814	254.824	254.843	---	---	254.788	254.888	254.840	254.843	---	1970
1971	255.031	255.067	255.031	255.073	254.894	---	254.900	254.882	---	254.838	255.071	255.073	---	1971
1972	255.058	255.067	255.078	255.072	255.015	254.885	254.809	254.813	254.888	254.830	254.894	254.841	254.971	1972
1973	254.858	254.883	254.857	---	---	254.821	254.838	254.840	254.838	255.018	254.824	254.818	---	1973
1974	255.026	255.018	255.023	255.085	255.008	254.848	254.889	254.902	254.885	254.870	254.882	254.842	254.881	1974
1975	254.888	255.035	255.058	255.037	255.000	255.000	254.928	254.887	254.871	254.885	254.883	---	---	1975
1976	254.818	255.003	255.004	254.873	---	254.818	---	254.848	254.885	---	254.818	254.818	---	1976
1977	254.814	254.888	254.848	254.880	254.878	254.888	254.888	254.838	254.832	254.878	254.888	255.007	254.882	1977
1978	254.885	255.018	255.038	255.032	254.878	254.882	254.887	254.878	255.024	254.858	254.848	254.881	254.878	1978
1979	254.888	254.843	254.778	254.810	254.888	254.837	254.824	254.780	254.805	254.850	254.782	254.884	254.843	1979
1980	255.014	254.888	255.008	254.872	254.857	254.813	254.883	254.852	254.823	254.884	254.883	254.951	254.848	1980
1981	254.884	254.870	254.852	254.845	254.808	254.818	254.785	254.888	254.800	254.867	254.835	254.885	254.808	1981
1982	254.928	254.888	254.883	254.888	254.838	254.824	254.833	254.848	254.888	254.822	254.846	254.888	254.840	1982
1983	---	---	---	---	---	---	---	---	---	---	254.892	---	---	1983
MEAN	253.886	253.888	253.880	253.888	253.732	253.743	253.801	253.880	253.848	253.888	253.840	253.878	254.127	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

LOCATION - LAT 50 15 35 N
LONG 95 03 20 W

REGULATED

WINNIPEG RIVER AT LAC DU BONNET - STATION NO. 05PF002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1943	---	---	---	1943
1944	---	252.006 ON JUL 15	249.620 ON JAN 5	1944
1945	---	251.920 ON MAY 14	249.598 ON OCT 29	1945
1946	---	251.356 ON MAY 19	249.782 ON SEP 8	1946
1947	---	252.195 ON JUL 5	249.886 ON OCT 6	1947
1948	---	251.768 ON MAY 20	249.602 ON OCT 21	1948
1949	---	250.956 ON NOV 15	249.521 ON SEP 6 *	1949
1950	---	252.919 ON JUN 28	250.210 ON DEC 3	1950
1951	---	251.758 ON MAY 15	249.661 ON AUG 13	1951
1952	---	250.805 ON JAN 24	249.787 ON JUL 1	1952
1953	---	250.968 ON JUN 13	249.906 ON MAR 9	1953
1954	---	253.395 ON DEC 9	250.073 ON JAN 2	1954
1955	---	254.885 ON DEC 26	253.094 ON JAN 3	1955
1956	---	254.858 ON MAR 3	254.584 ON SEP 21	1956
1957	---	254.841 ON JUL 27	254.423 ON JAN 17	1957
1958	---	254.959 ON NOV 11	254.203 ON SEP 16	1958
1959	---	254.950 ON APR 8	254.493 ON JUN 7	1959
1960	---	254.904 ON NOV 21	254.282 ON AUG 14	1960
1961	---	254.950 ON MAR 26	254.401 ON JUN 10	1961
1962	---	254.883 ON MAY 24	254.436 ON SEP 30	1962
1963	---	254.816 ON APR 8	254.502 ON NOV 2	1963
1964	---	254.980 ON OCT 9	254.538 ON JUL 26	1964
1965	---	---	---	1965
1966	---	254.980 ON MAR 17	254.584 ON JUL 26	1966
1967	---	254.819 ON APR 12	254.551 ON OCT 10	1967
1968	---	255.098 ON NOV 26	254.581 ON APR 18	1968
1969	---	254.982 ON JUN 5	---	1969
1970	---	---	---	1970
1971	---	255.185 ON NOV 22	254.590 ON SEP 16	1971
1972	---	255.157 ON FEB 14	254.584 ON JUL 8	1972
1973	---	255.112 ON MAR 16	---	1973
1974	---	255.200 ON MAY 21 *	254.709 ON JUL 22	1974
1975	---	255.112 ON JAN 20	254.590 ON NOV 30	1975
1976	---	---	---	1976
1977	---	255.093 ON AUG 17	254.781 ON JAN 1	1977
1978	---	255.088 ON JAN 3	254.770 ON NOV 17	1978
1979	---	255.081 ON MAY 17	254.670 ON MAR 18	1979
1980	---	255.108 ON JAN 19	254.708 ON JUL 5	1980
1981	---	255.053 ON MAR 16	254.713 ON JUL 31	1981
1982	---	255.070 ON JUL 3	254.808 ON JAN 2	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT POINTE DU BOIS - STATION NO. 05PF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	255.078	255.081	255.090	255.083	255.086	255.093	255.090	255.092	255.092	255.087	255.084	255.081	255.086	1978
1979	255.092	255.088	255.087	255.081	255.091	255.086	255.085	255.080	255.090	255.081	255.083	255.084	255.086	1979
MEAN	255.085	255.090	255.089	255.087	255.090	255.090	255.088	255.086	255.091	255.084	255.089	255.083	255.086	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 18 15 N
LONG 95 33 00 W REGULATED

DATA CONTRIBUTED BY -
CITY OF WINNIPEG HYDRO-ELECTRIC SYSTEM

WINNIPEG RIVER AT POINTE DU BOIS - STATION NO. 05PF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	255.128 ON JUL 4 *	255.008 ON NOV 12	1978
1979	---	255.108 ON OCT 9	255.003 ON OCT 30 *	1979

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT TRAMWAY BRIDGE, LAC DU BONNET - STATION NO. 05PF022

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	248.784	---	---	1915
1916	249.784	249.853	250.034	250.267	251.140	251.633	251.983	251.798	251.336	251.031	250.585	250.438	250.824	1916
1917	---	---	---	---	250.149	249.773	249.286	249.507	249.632	249.580	249.606	249.555	---	1917
1918	249.630	249.486	249.508	---	---	---	---	---	---	---	---	---	---	1918
1920	---	---	---	---	---	---	---	---	---	---	248.305	249.086	---	1920
1921	249.031	---	---	---	---	---	---	---	---	---	249.933	---	---	1921
1922	249.811	---	---	249.588	---	251.080	250.686	250.385	250.234	249.893	---	---	---	1922
1923	---	---	249.201	250.431	---	---	250.048	---	---	249.858	249.786	249.684	---	1923
1924	249.660	249.484	249.348	249.586	---	---	249.645	249.589	249.482	249.492	---	249.193	---	1924
1925	---	248.785	248.812	249.100	249.494	250.122	250.319	250.153	249.975	249.811	249.617	249.438	---	1925
1926	249.302	249.238	249.184	249.297	249.845	250.063	250.387	250.398	250.077	250.513	251.183	250.695	250.020	1926
1927	250.480	250.448	250.646	250.872	252.151	252.418	252.412	252.078	251.251	250.505	250.273	249.891	251.131	1927
1928	249.765	249.772	249.687	250.071	250.061	250.128	---	250.843	250.330	250.455	250.684	250.374	---	1928
1929	---	---	---	---	---	---	249.588	249.341	249.427	249.530	249.567	---	---	1929
1930	249.462	---	249.194	249.472	249.847	249.750	249.483	249.164	248.981	248.813	248.645	249.153	---	1930
1931	249.048	248.871	248.801	249.148	248.980	248.792	248.688	248.758	248.708	248.878	248.120	249.140	248.917	1931
1932	249.081	249.038	248.958	249.335	249.686	249.818	241.363	248.889	248.530	248.841	249.238	249.285	249.182	1932
1933	249.271	249.304	249.838	250.800	250.722	250.040	249.761	249.530	249.236	---	---	---	---	1933
MEAN	249.483	249.426	249.411	249.817	250.226	250.308	250.148	250.055	249.784	249.600	249.818	249.666	250.015	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 17 15 N
LONG 96 00 05 W REGULATED

WINNIPEG RIVER AT TRAMWAY BRIDGE, LAC DU BONNET - STATION NO. 05PF022

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	---	---	---	1915
1916	---	252.109 ON JUL 25	249.780 ON JAN 7	1916
1917	---	---	---	1917
1918	---	249.677 ON MAR 31	249.433 ON FEB 18	1918
1920	---	---	---	1920
1921	---	250.683 ON JUN 3	248.930 ON MAR 8	1921
1922	---	251.430 ON MAY 25	249.285 ON APR 1	1922
1923	---	251.064 ON APR 27	249.096 ON MAR 3	1923
1924	---	250.210 ON MAY 20	249.144 ON DEC 18	1924
1925	---	250.430 ON JUL 1	248.584 ON MAR 18	1925
1926	---	251.288 ON NOV 18	249.081 ON APR 6	1926
1927	---	252.827 ON MAY 27 *	249.884 ON DEC 30	1927
1928	---	---	249.871 ON JAN 31	1928
1929	---	250.418 ON APR 1	249.198 ON AUG 7	1929
1930	---	250.143 ON MAY 18	248.741 ON OCT 10	1930
1931	---	249.381 ON APR 20	248.613 ON SEP 8	1931
1932	---	250.008 ON MAY 15	248.452 ON SEP 14 *	1932
1933	---	251.225 ON APR 25	249.183 ON SEP 26	1933

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT WINNIPEG ELECTRIC DOCK, LAC DU BONNET - STATION NO. 05PF080

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	---	---	---	248.108	248.024	248.738	248.638	248.693	248.807	248.918	248.085	249.084	---	1931
1932	249.034	248.996	248.928	249.308	248.885	248.807	248.356	248.843	248.448	248.774	248.187	249.268	248.148	1932
1933	249.262	249.288	249.618	250.600	250.722	250.048	249.781	249.530	249.238	249.081	248.338	248.637	248.878	1933
1934	248.738	248.723	248.774	248.985	250.804	250.797	250.684	250.628	250.318	250.074	248.985	248.983	250.208	1934
1935	248.785	248.612	248.723	248.975	250.363	250.187	250.308	250.327	250.283	250.484	250.388	250.315	250.186	1935
1936	250.247	250.271	250.331	250.186	250.521	250.618	248.854	249.582	249.448	249.548	248.583	248.526	248.873	1936
1937	248.833	248.887	249.408	248.585	250.485	250.581	250.543	250.936	250.477	248.984	248.632	248.911	250.083	1937
1938	248.883	248.831	248.778	248.847	251.283	251.947	251.857	250.157	249.639	248.781	248.723	248.642	250.285	1938
1939	248.784	---	---	248.843	249.008	248.831	248.674	248.716	248.618	248.321	248.471	248.578	---	1939
1940	248.484	248.588	248.437	248.428	248.408	248.412	248.377	248.887	248.612	248.824	248.308	248.218	248.241	1940
1941	248.220	248.118	248.108	248.483	248.885	248.852	248.812	248.488	248.804	251.771	252.202	251.883	250.108	1941
1942	251.280	250.781	250.588	250.383	250.232	250.232	248.710	248.858	250.208	250.236	250.023	250.000	250.283	1942
1943	248.888	250.007	250.181	250.381	250.820	---	---	---	---	---	---	---	---	1943
MEAN	248.772	248.729	248.708	248.837	250.213	250.138	248.938	248.711	248.558	248.744	248.833	248.838	248.915	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 15 05 N
LONG 96 02 20 W REGULATED

WINNIPEG RIVER AT WINNIPEG ELECTRIC DOCK, LAC DU BONNET - STATION NO. 05PF060

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1931	---	---	---	1931
1932	---	249.980 ON MAY 18	248.380 ON SEP 15 *	1932
1933	---	251.225 ON APR 25	248.903 ON OCT 15	1933
1934	---	250.036 ON JUL 20	249.640 ON FEB 3	1934
1935	---	250.585 ON AUG 1	249.473 ON MAR 14	1935
1936	---	250.692 ON MAY 28	248.275 ON SEP 22	1936
1937	---	251.012 ON AUG 9	249.336 ON MAR 6	1937
1938	---	252.185 ON MAY 27	249.457 ON SEP 19	1938
1939	---	---	---	1939
1940	---	249.834 ON FEB 14	248.405 ON SEP 23	1940
1941	---	252.301 ON NOV 4 *	248.870 ON FEB 24	1941
1942	---	251.489 ON JAN 1	249.558 ON AUG 27	1942
1943	---	---	---	1943

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER BELOW SLAVE FALLS - STATION NO. 05PF008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	276.400	276.213	276.226	276.215	276.756	276.903	276.248	276.648	276.210	276.883	276.745	276.672	276.451	1978
1979	276.938	276.892	276.858	276.840	276.788	276.788	276.609	276.788	274.897	276.282	276.378	276.812	276.892	1979
MEAN	276.189	276.033	276.042	276.028	276.278	276.336	276.928	276.217	276.604	276.582	276.561	276.892	276.672	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 14 15 N
LONG 95 33 45 W
REGULATED

DATA CONTRIBUTED BY -
CITY OF WINNIPEG HYDRO-ELECTRIC SYSTEM

WINNIPEG RIVER BELOW SLAVE FALLS - STATION NO. 05PF008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	276.867 ON JUL 18	276.521 ON MAY 23	1978
1979	---	277.033 ON MAY 26 *	274.482 ON AUG 14 *	1979

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER HEAD WATER SEVEN SISTERS POWER PLANT - STATION NO. 05PF057

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	274.130	274.118	274.133	274.130	274.108	274.102	274.142	274.128	274.128	274.088	274.108	274.145	274.122	1978
1979	274.161	274.138	274.108	273.984	273.438	273.288	273.044	272.838	273.080	273.085	273.084	273.085	273.440	1979
1980	273.078	273.089	273.081	273.084	273.088	273.017	273.022	273.053	273.058	273.022	273.053	273.038	273.051	1980
1981	273.038	273.051	273.041	273.050	273.048	273.078	273.023	273.048	273.061	273.028	273.619	274.108	273.183	1981
1982	274.132	274.117	274.118	274.115	274.038	273.848	274.071	274.087	274.032	274.078	274.128	274.118	274.072	1982
1983	274.118	274.114	274.111	274.104	274.072	274.058	274.087	274.028	274.038	274.058	274.074	274.112	274.082	1983
MEAN	273.776	273.771	273.782	273.741	273.627	273.584	273.687	273.643	273.664	273.658	273.672	273.783	273.858	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 07 10 N
LONG 95 00 50 W
REGULATED

DATA CONTRIBUTED BY -
MANITOBA HYDRO

WINNIPEG RIVER HEAD WATER SEVEN SISTERS POWER PLANT - STATION NO. 05PF057

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	274.235 ON JAN 6	273.902 ON MAY 1	1978
1979	---	274.219 ON APR 8	272.735 ON AUG 17 *	1979
1980	---	273.267 ON MAY 8	272.783 ON JUL 31	1980
1981	---	274.174 ON DEC 8	272.824 ON JUL 2	1981
1982	---	274.188 ON JUL 20	273.552 ON JUN 3	1982
1983	---	274.271 ON DEC 13 *	273.808 ON AUG 28	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER TAILRACE, GREAT FALLS POWER PLANT - STATION NO. 05PF048

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	231.363	231.187	231.188	231.050	231.070	231.032	231.614	230.844	230.661	230.728	230.890	230.880	231.015	1978
1979	230.873	230.888	230.455	230.881	231.815	231.705	230.499	229.889	230.148	230.281	230.374	230.480	230.847	1979
1980	230.808	230.750	230.821	230.804	230.201	229.472	229.285	229.310	229.433	229.544	229.868	230.140	230.008	1980
1981	230.279	230.330	229.813	229.407	229.308	229.463	229.648	229.390	229.438	229.729	229.902	229.888	229.718	1981
1982	230.035	230.248	229.980	229.882	230.087	230.810	230.753	230.483	230.182	230.478	230.783	231.089	230.400	1982
1983	231.053	230.835	230.711	230.638	229.881	229.667	229.800	229.885	229.541	229.951	230.285	230.408	230.198	1983
MEAN	230.885	230.850	230.808	230.522	230.382	230.357	230.328	229.934	229.905	230.121	230.287	230.448	230.331	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 27 50 N
LONG 96 00 15 W REGULATED

DATA CONTRIBUTED BY - MANITOBA HYDRO

WINNIPEG RIVER TAILRACE, GREAT FALLS POWER PLANT - STATION NO. 05PF048

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	231.606 ON JUL 18	230.411 ON NOV 18	1978
1979	---	232.111 ON JUN 1 *	229.486 ON AUG 20	1979
1980	---	231.145 ON APR 18	228.981 ON JUL 25	1980
1981	---	230.881 ON JAN 14	228.986 ON AUG 16 *	1981
1982	---	231.435 ON JUL 8	229.486 ON JAN 1	1982
1983	---	231.416 ON OCT 1	229.021 ON SEP 3	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINTERING LAKE AT THICKET PORTAGE - STATION NO. 05YD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	181.359	181.328	181.254	181.268	181.253	181.228	---	1948
1950	---	---	---	---	---	181.684	---	181.339	181.264	181.319	181.342	---	---	1950
1951	---	---	---	---	181.420	---	---	181.418	---	181.328	181.274	---	---	1951
1953	---	---	---	---	---	---	---	181.495	181.419	181.359	---	---	---	1953
1954	---	---	---	---	---	---	181.388	181.327	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	181.407	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
										181.530	---	---	---	
1960	---	---	---	---	---	---	---	181.484	---	181.295	---	---	---	1960
1961	---	---	---	---	---	181.481	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	181.832	---	---	---	181.218	---	---	---	1962
1963	---	---	---	---	181.810	181.826	181.677	181.348	181.328	---	---	---	---	1963
1964	---	---	---	---	181.810	181.470	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	181.688	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	181.655	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	181.851	181.593	181.508	---	1978
1980	181.436	181.387	181.343	181.334	181.670	181.507	181.838	181.681	182.087	182.138	181.881	181.680	181.855	1980
1981	181.781	181.670	181.582	181.540	---	181.818	181.765	181.693	181.653	181.671	181.680	181.623	---	1981
1982	181.637	181.488	181.388	181.337	181.776	181.802	181.744	181.781	181.723	181.694	181.612	181.455	181.601	1982
1983	181.378	181.304	181.248	181.200	181.423	181.853	181.679	181.766	181.705	181.760	181.632	181.528	181.586	1983
MEAN	181.528	181.458	181.381	181.363	181.636	181.673	181.807	181.618	181.656	181.602	181.631	181.534	181.607	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (NAM. GOVT. EXT.)

LOCATION - LAT 55 19 25 N
LONG 97 40 54 W NATURAL FLOW

WINTERING LAKE AT THICKET PORTAGE - STATION NO. 05TD003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1949	---	181.377 ON JUL 5	---	1949
1950	---	181.713 ON JUN 7	---	1950
1951	---	181.880 ON JUL 9	---	1951
1952	---	---	---	1952
1954	---	181.845 ON JUN 3	---	1954
1955	---	181.812 ON MAY 19	---	1955
1956	---	181.488 ON JUN 11	---	1956
1957	---	181.594 ON JUN 9	---	1957
1958	---	181.551 ON JUN 19	---	1958
1959	---	182.075 ON JUL 3	---	1959
1960	---	181.859 ON JUN 3	---	1960
1961	---	181.553 ON MAY 27	---	1961
1962	---	181.768 ON MAY 24	---	1962
1963	---	181.749 ON MAY 23	---	1963
1964	---	181.594 ON MAY 23	---	1964
1965	---	182.382 ON JUL 11	---	1965
1966	---	182.661 ON JUL 24 *	---	1966
1967	---	181.671 ON JUN 5	---	1967
1968	---	181.713 ON JUN 5	---	1968
1969	---	181.594 ON OCT 21	---	1969
1970	---	181.850 ON JUL 11	---	1970
1971	---	181.527 ON MAY 22	---	1971
1972	---	181.528 ON MAY 24	---	1972
1973	---	181.390 ON NOV 10	---	1973
1975	---	181.888 ON MAY 31	181.065 ON APR 12 *	1975
1977	---	181.672 ON JUL 13	181.078 ON MAR 16	1977
1978	---	---	---	1978
1980	182.200 AT 1730 CST ON SEP 26 *	182.192 ON SEP 27	181.304 ON APR 14	1980
1981	---	---	181.493 ON OCT 2	1981
1982	181.838 AT 1503 CST ON JUN 6	181.833 ON JUN 7	181.324 ON APR 15	1982
1983	182.012 AT 1855 CST ON JUN 14	182.007 ON JUN 15	181.187 ON APR 17	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAME	STATION NO.	PAGE
ATHAPAPUSKOW LAKE AT CRANBERRY PORTAGE	05KG005	1
BACK LAKE NEAR OXFORD HOUSE	04AA003	1
BALD HILL RESERVOIR NEAR MCCREARY	05LJA03	2
BEAVER LAKE NEAR PINE RIVER	05LE801	2
BELL LAKE NEAR OUTLET	05LF801	3
BIRCH RIVER ABOVE BRACKEN DAM NEAR THE PAS	05KH003	4
BIRCH RIVER BELOW BRACKEN DAM NEAR THE PAS	05KH004	5
BOYNE RIVER ABOVE CARMAN DAM	05DF801	6
BRERETON LAKE NEAR RENNIE	05PG003	6
CEDAR LAKE AT EASTERVILLE	05KL009	7
CEDAR LAKE NEAR OLESON POINT	05KL005	8
CHILDS LAKE NEAR BOGGY CREEK	05MD004	9
CHURCHILL RIVER DIVERSION AT SOUTH BAY	05EC002	10
CLEAR LAKE AT WASAGAMING	05MF018	10
CLEARWATER LAKE AT GUY HILL	05KK006	11
CLEARWATER LAKE NEAR THE PAS	05KK003	11
CORMORANT LAKE AT CORMORANT	05KK002	12
CROSS LAKE ABOVE WHITEMUD FALLS	05UD009	12
CROSS LAKE AT CROSS LAKE	05UD001	13
CROSS LAKE BELOW JENPEG	05UD006	14
DAUPHIN LAKE AT OCHRE BEACH	05LJA18	15
DAUPHIN LAKE AT OUTLET	05LJ008	16
DELORAINE RESERVOIR NEAR DELORAINE	05NG014	17
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DOG LAKE NEAR VOGAR	05LN005	18
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GODS LAKE AT GODS LAKE MINE	04AC004	21
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JACKSON LAKE NEAR SYDNEY	05LL802	27
KENTON RESERVOIR NEAR KENTON	05MG803	28
KILLARNEY LAKE AT KILLARNEY	05QA803	28
KISKITTO LAKE NEAR NORWAY HOUSE	05UB013	29
KISKITTOGISU LAKE NEAR NORWAY HOUSE	05UB007	29
KISSISSING LAKE AT COLD LAKE	06EA009	30
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LA SALLE RIVER ABOVE LEWKO'S DAM	05OE803	30
LA SALLE RIVER ABOVE ST. NORBERT DAM	05OE804	31
LA SALLE RIVER AT HAMPSONS DAM	05OE801	31
LA SALLE RIVER AT SANFORD	05OE806	31
LA SALLE RIVER AT STARDUCK	05OE805	31
LAKE MANITOBA AT DELTA	05LL003	32
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POOR

QUALITY

ORIGINAL